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NEWS EXPRESS 19 SEPTEMBER 2007: CURRENT WINDOWS VERSION IS V8.2,
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chain nodes :
10 19 20 21 31
ring nodes :
chain bonds :
2-19 4-10 7-25 8-31 9-11 10-20 10-21
ring bonds :
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15-16 25-26 25-30 26-27 27-28 28-29 29-30
exact/norm bonds :
1-2 1-6 2-3 2-19 3-4 4-5 4-10 5-6 5-7 6-9 7-8 7-25 8-9 8-31 9-11
10-20
exact bonds :
10-21 11-12 11-16 12-13 13-14 14-15 15-16
normalized bonds :
25-26 25-30 26-27 27-28 28-29 29-30
isolated ring systems :
containing 1 : 11 :
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G1:H,CH3

G2:H, X, Ak

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS 11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 19:CLASS 20:CLASS 21:CLASS 25:CLASS 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom 31:CLASS

L1 STRUCTURE UPLOADED >> d 11 L1 HAS NO ANSWERS L1 STR G1 H N O G2

Structure attributes must be viewed using STN Express query preparation.

44 ANSWERS

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SAMPLE SEARCH INITIATED 22:56:39 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 139 TO ITERATE

100.0% PROCESSED 139 ITERATIONS
SEARCH TIME: 00.00.01
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FULL FILE PROJECTIONS: ONLINE **COMPLETE**
PROJECTED ITERATIONS: 2073 TO 3487
PROJECTED ANSWERS: 483 TO 1277

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L2 44 SEA SSS SAM L1

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G1 H,Me G2 H,X,Ak FULL SCREEN SEARCH COMPLETED - 2773 TO ITERATE

100.0% PROCESSED 2773 ITERATIONS

SEARCH TIME: 00.00.01

899 ANSWERS

L3 899 SEA SSS FUL L1

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685299 2007/S0 901244 2006/S0 879363 2005/S0

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L5 25 L4 NOT (2007/SO OR 2006/SO OR 2005/SO OR 2004/SO OR 2003/SO)

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LS AREMER 1 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN ACCESSION NUMBER: 2007: 763453 CAPLUS DOUBLET NUMBER: 147:16433

147:165335
Preparation of pyrazolo]3,4-d]pyrinidine derivatives as grotein kirase inhibitors
Sheppard, Goorge Hang, Gary; Nalazo, Fabio; Bell, Eandy; Marten, Fobert; Mang, Jieya; Hebbard, Fobert; Eandy, Peguni, Exichon, Pectr; Banaug, New;

PATENT ASSISHED (S):

Stove Abbott Laboratories, USA PCT Int. Appl., 209pp. CUDEN: PIKED2 Patent English

DOCUMENT TIPE: LANGUAGE: FAMILY ACC. NUM: COUNT:

	PATENT NO.									ICAT.							
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yl)-7%-pyrrolo(2,3-d)pyranidim-7-yl]cyclobexyl)-1-ixopropylpiperarin-2-one 943972-69-59, cis-4-[4-[4-4-xino-5-[1-(2-chlorobenryl)-3H-indol-5-

yl)=7%-pyrrolo[2,3-d]pyrinidin-7-yl]cyclobazyl)=1-izopropylpipararin-2-one 943972-70-1P, 0is-4-[4-[4-hnino-5-[1-(2-fluorobenzyl)-3R-indol-5-yl]=78-pyrrolo[2,3-d]pyrinidin-7-yl]cyclobazyl]=1-ethylpipararin-2-one 943972-7-22P, 0is-4-[4-4-hnino-5-[1-(2-ehlorobenzyl)-3R-indol-5-

L5 ASSMER 1 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR Relative stereochemistry.

943971-65-1 CARLUS 7E-Pyxxolo(2,2-d)pyxinidin-4-anine, $5-[2-[(2-\text{chlorophenyl})\,\text{nethyl})-1$ benxinidaxol-6-yl)-7-[cis-4-(4-methyl-1-piperaxinyl)-yclobrayl)- (RDEX NORM)

Relative stereochemistry.

dpyr andst-d-mans 92971-52-47, fat-\$-[1-2]-Dethoophen())-15-indicad-1-[1-1]-1-[1-1]-[1-1

943970-80-3 CMRUS 78-Pyrrolo [2,3-d]pyrnidin-4-anins, 7-[cis-4-[4-methyl-1-piperaximyl)eyelohesyl]-5-[2-(2-phenylethyl)-18-benzimidazol-6-yl]- (CA RADKX NAME)

15 ANSWER 1 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

PAGE 2-A

943972-17-6 CANUE 78-Pyrrolo (2,3-d) pyrinidin-4-amine, 7-|4-(4-methyl-1-piperasiny) cyclohexyl]-5-|2-(phenylmethyl)-18-benrinidazol-6-yl}- (CA NORK NME)

Relative stereochemistry

15 AMEMER 1 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) PAGE 1-A

| 943972-63-8 CAPUS CB 2-Piperalisese, -|cleid-c|-(-aniso-5-|-|c|(2-chlorophenyl)nethyl)-18-indol-5-yl|-28-pyrrolo[2,3-d]pyrinidn-7-yl|cyclohexyl|-1-(1-nethylethyl)-| CA

PAGE 2-A

PAGE 2-A

Relative stereochemistry.

PAGE 1-A

LS AMEMER 1 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

PAGE 2-A

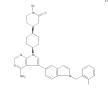
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Relative stereochemistry.

15 AMSNER 1 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN PAGE 1-A

943972-71-2 CAPUNS
2-Piperarinous,
isia-4-[4-anino-5-[1-[(2-chlorophenyl)nethyl)-lH-indol-5yl]-Th-pyrrolo[2,3-d]pyrindin-7-yl]cyclobayl]-1-ethyl- (CA INDEX HUME) Relative stereochemistry.

15 ANSWER 1 OF 25 CAPLUS COPYRIGHT 1007 ACS on STN PAGE 1-A



PAGE 2-A

NN 943972-72-2 CAPLUS
CM 78-Pyrrolo(2,3-d)pyramdan-4-amine,
5-[1-[-2-filosophanyllne-thyl)-18-indol5-yl)-7-(4-(4-methyl-1-piperarmyl)cyclobexyl)- (CA INDEX NAME)

15 ARSMER 1 OF 25 CAPLIS COPYRIGHT 2007 ACS on STN (Continued)

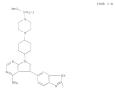
3M 943972-73-4 CAPURS
CN 7E-Pyrrolo(2,3-d)pyrinidin-4-anine,
5-[1-(12-chicophany))nethyl)-18-indol5-yl]-7-(4-(4-methyl-1-piparainyl)cyclobaxyl)- (CA INDEX NAME)



122 943973-61-3 CAPLUS
CN TE-Pyrrolo[2,3-d]pyranidan-4-mnine, 5-[2-[(2-methoxypheny1)methy1]-18-beninidaco1-4-y1)-7-[trans-4-[4-[3-methoxypropy1)-1-piperarany1]cyclobexy1)- (CA INCEX NAME)

Relative stereochemistry.

15 ANSWER 1 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM (Continued)



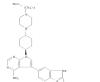
PAGE 2-A

20 943973-92-0 CAPLUS CO 78-Pyrrolo(2,3-d)pyrinidin-4-amine, 7-(trans-4-(2-

methoxyethoxy)eyelobexyl]=5=[2=[(2-methoxyphemyl)methyl]=1H-benzimidazol=6= yl]= (CA INDIX NOME)

Relative storeochemistry.

L5 ANSMER 1 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continues PAGE 1-A



PAGE 2-A

383 \$45973-62-4 CANDES Th-Pyrrolo(2)_3-dpyrindin-4-unine, 5-[2-[(2-mathoxyphenyl)nethyl]-Inbeniinianol-4-yl]-7-[eis-4-[4-(3-mathoxypropyl)-1-paperaranyl)eyelohesyl]-(A. HORK NORD)
Belativ streobenistry.

15 ANSWER 1 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM (Continued)

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15 ARRIMER 2 OF 25 CAPIUS ACCESSION NUMBER: 200 DOCUMENT NUMBER: 14

NUIS COMPRISET 2007 ACS on STR 2007/172033 CARLOS Complimed transper with and composition of faishinguize ring substituted heterobloyelin protein faishinguize ring substituted heterobloyelin protein 73, Dom-Shengy Armold, Lee 2, Thiraball, Mark Asseph ET 101. Appl. 2019pc COMPRISED. INVENTOR(S): PATENT ASSIGNME(S):

DOCUMENT TYPE:

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| MODEL NUCL. | MODEL NUCL. | CONTROLLER | C

Nimase inhibitors and EGTR kimase inhibitors and anti-cancer agents) 861161-44-2 CARUS Cyclobexarenethanol, 4-[4-anino-5-(2-phenyl-7-quinolinyl)-7H-pyrrolo[2,3-d)pyrinidis-7-yl]-, cis- (CA HDDK NWHE)

AMBRER 2 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

Serles-SU-1 CAPLUS Cyclobexanecarboxamide, 4-[4-anino-5-[2-(2-pyridiny1)-7-quinoliny1]-78-pyrrolo[2,3-d]pyrinidin-7-y1]- (CA INDEX NAME)

867168-51-2 CAPLUS Cyclobexanecarboxamide, 4-[4-anino-5-[2-(2-thieny1)-7-quinoliny1]-78-pyxxolo(2,3-d)pyximidin-7-y1]- (CA INDEX NAME) ANSMER 2 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

867161-45-3 CAPLUS Cyclobeaneoutboxylic acid, 4-[4-aniso-5-(2-phenyl-7-quisolinyl)-7B pyrrolo[2,3-d]pyrinidis-7-yl]-, ethyl ester, cis- (CA HEEK NAME) Relative stereochemistry.

ovise-er-e varLUS Cyclobexanecarboxanide, 4-[4-anino-5-(2-phenyl-7-quinolinyl)-78-pyrrolo[2,3-d]pyrinidin-7-yl]- (CA INDEX NAME)

1.5 ANSWER 2 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

Series-52-3 CMPLOS Cyclobemanecarboxanide, 4-[4-amino-5-(2-phenoxy-7-quinoliny1)-78-pyrrolo[2,3-d]pyrimidin-7-y1]- (CA INDEX NME)

867168-53-4 CAPLUS Cyclobexanecarboxanide, 4-[4-animo-5-(2-phenyl-7-quinolimyl)-78-pyrrolo[2,3-d]pyrinidim-7-yl]-N-methyl- (CA INDEX NDME)

15 ARSMER 2 OF 25 CAPLIES COPYRIGHT 2007 ACS on STN (Continued

221 067168-55-6 CAPGUS
CN Cyclobexanecarboxanide, 6-[6-anino-5-[2-(2-thieny1)-7-quinoliny1]-78
pyrio[c],2-0)pyrindin-7-y1]-8-methyl- (CA INDEX NAME)

32 S67168-37-8 CAPLUS CN Cyclobexanecarboxanide, 4-[4-anino-5-[2-phenoxy-7-quinoliny1)-78pyrrolo[2,3-d)pyrinidin-7-yl]-N-nethyl- (CA INDEX NAME) LS AMEMER 2 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

EN 867168-59-0 CAPLUS CS Cyclobeanesarboxamide, 4=[4-animo-5-[2-(2-pyridiny1)=7-quinoliny1]=78pyriol(2,3-d)pyrimidim=7-y1)=8-methyl- (CA INNEX NAME)

PN 867168-61-4 CAPLOS CN Cyclobezarecarboxanide, 4-[4-anino-5-[6-chloro-2-(2-pyridiny1)-7quinoliny1]-7H-pyrrolo[2,3-d]pyrinidin-7-y1]-8-methy1- (CA INDEX NANE)

L5 ANSWER 2 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued

NN 80/183-63-6 CAPLUS
CN Cyclobraneoushioxamide, 4-[4-anino-5-(6-chloro-2-phenyl=7-quinolinyl)=7B-pyrrolo[2,3-d]pyrimidin=7-yl]=N-methyl= (CA INDEX NAME)

CS Cyclohoxanecationanide, 4-[4-maine-5-[4-chlore-2-(2-thienyl)-7-quinelinyl]-7-pygyzolo(2, 3-d)pyznndin-7-yl]-N-nethyl- (CA INDEX NAME) L5 ANSWER 2 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

EN 967168-67-0 CAPL/S CR Cyclobetamentboxanide, 4-[4-anino-5-(6-chloro-2-phenoxy-7-quinoliny1)-7Hpyzrolo[2,3-d]pyz inidin-7-y1]-N-methy1- (CA INDEX NAME)

PSI 867168-69-2 CAPLUS
CSI Cyolobexaneoarboxanide, 6-[6-animo-5-[6-ohloro-2-(2-pyridinyl)-7-quandinyl-7-stpyriol/2,3-d]pyrinddin-7-yl]- (CA INDEX NAME)

15 AMENUR 2 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continue

FE SCTICS-T1-6 CAPLUS

CN Cyclobranecarboxanide, 6-[4-anino-5-(6-chloro-2-phenyl-7-quinolinyl)-72
pyrrole[3-3-dpyrindin-7-yl]- (CA INDEX NOME)

TRE St7168-73-0 CAPACO
CN Cyclobexamecarboxamide,
4-[4-animo-3-[4-chloro-2-[2-thleny1]-7-quinoliny1]78-pyrrolo[2,3-d]pyrinidin-7-y1]- (CA INDEX NAME)

LS AMEMER 2 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN | | Continued

EN 8:7168-75-0 CAPLES
CR Cyclohezaneoarikoannide,
4-[4-anino-5-(6-chloro-2-phenoay-7-qainoliny1)-78pyrrolo[2,3-d]pyrinidis-7-y1]- (CA INDEX NAME)

IN 067160-77-2 CAPLUS CN 78-Pyrrolo[2,3-d]pyrinidin-4-anine, 7-[4-(aminomethyl)cyclohexyl)-5-[2 phryl-7-quinolinyl)- (CA INDEX NOME)

15 AMSNER 2 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

200 867168-78-J CAPLDS
CN 78-Fyrrolo[2, 3-d]pyrandan-4-aname, 7-[4-(anamomethyl) cyclohexyl]-5-(2 phesoxy-7-quinolityl)- (CA INDEX NOME)

38) 867168-79-4 CAPUDS CR 7E-Pyzrolo(2,3-d)pyzinidin-4-anine, 7-[4-(aninomethy):0yclobexyl)-5-[2-(2pyzdinyl)-7-quanolinyl)- (CA INDEX NAME)

923 967168-80-7 CAPLUS

Page 11

L5 ANSMER 2 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
CN 78-Pyrrolo[2,3-d]pyrinddin-4-saine, 7-[4-(sainosethyl)cyclobesyl)-5-[6-chloro-2-[2-thicspl)-7-quinolingl]- [CA RINEX NAME.

NN 867168-82-9 CAPLUS
CN 78-Pyrrolo[2, 3-4]pyrindin-4-anine, 7-[4-(aninomethyl)cyclohexyl]-5-[6-chloro-2-(2-pyridinyl)-7-quinolinyl]- (CA INDEX NAME)

788 867168-83-0 CARLOS CR 78-Pyrrolo[2,3-d]pyrinidin-4-anine, 7-[4-(aninomethyl)cyclohexyl)-5-[6-dhloro-2-phenoxy-7-quanclanyl)- (CA INDEX NAME)

LS ARSMER 2 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

067168-05-2 CAPLUS 78-Pyrrolo(2,3-d]pyrinidin-4-anime, 7-[4-(animomethyl)cyclobexyl]-5-(4-chirm-2-phenyl-7-quirollnyl)- (CA INDES NAME)

78-Pyxxolo[2,3-d]syximidin-4-amine, 7-[4-(aminomethy methyl-2-(2-thienyl)-7-quinolinyl)- (CA INDEX NAME)

78-Pyrrolo[2,3-d]pyrimidin-4-mmine, 7-[4-(aminomethyl)cyclohexyl]-5-[4-methyl-2-(2-pyridinyl)-7-qminolinyl]- (CA INDEX NAME)

0 CAPLUS [2,3-d]pyzinidin-4-amine, 7-[4-(aminomethyl)cyclohexyl]-5-[6 hemoxy-7-quinolinyl)- (CA INDEX NAME)

15 AMEMBE 2 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR

ANSWER 2 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR

The present invention is directed to compon, and methods for treating concern patients omprising administrating to the patient simulationship to make a constraint of the patient simulationship to factor receptor linear [DITA linear] inhibitor and a rowel [4,6-blogelic ang guntationshe betweendeypild invulin-line growth factor I receptor treatments, such as other articancer drugs or redisting therapy. The invention further econopasses a pharmaceutical composition that is comprised of

rised of an ESTR kimase inhibitor and ISPIR kimase inhibitor combination with a mbarmaceutically acceptable marrier.

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PATENT ASSIGNEE(S): SOUNCE:

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| No. PATERT NO. KIND DATE APPLICATION NO.

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Page 12

LS ARSMER 3 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

898279-72-6 CAPLUS
7E-Pyrrolo[2,3-d]pyrinidin-4-amine, 7-cyclohexyl-5-[3-[phenylmethoxy)phenyl] (CA INDEX NAME)

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LUS COPYRIGHT 2007 ACS on STN 2005:1130642 CAPLUS 143:405928 L5 AMEMER 4 OF 25 CAPLUS ACCESSION NUMBER: 20

143:405928 Preparation of 6,6-bicyclic ring substituted beterobicyclic protein kinase inhibitors Armold, Lee D.; Cesario, Cara; Coate, Heather, Crew Andrew Philip; Dong, Banqing; Poreman, Kenneth;

Ayako; Laufer, Radoslaw; Li, Am-Wu; Nulvihill, Nicholing Matchill, Mark Soroghy Higher, Amilione, Ranicomer, Holy Chemical Analysis (1994) (Santan, America) (Santan) (America) (Santan), Tao Chang, Tao

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NOW, COUNT: PATENT INFORMATION:

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Relative stereochemistry.

ANSWER 4 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN



Series-49-8 CAPLUS Cyclobexanecarboxamide, 4-[4-amino-5-[2-phenyl-7-quinolinyl)-7E-pyrrolo[2,3-d]pyrinidin-7-yl]- (CA INDEX NAME)

867168-50-1 CAPLUS)pelohesaneearboxamide, 4-|4-amino-5-|2-(2-pyxidinyl)-7-quinolinyl)-7s-yyrolo|2,3-d]pyximidin-7-yl]- (CA 1MDEK NAME)

15 AMENUR 4 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued

PN 067168-51-2 CAPGUS
CN Cyclobexanecarboxanide, 4-[4-animo-5-[2-(2-thieny1)-7-quinoliny1]-7/pyriodin-7-yl]- (CA INDEX NAME)

32 S67168-32-3 CARLUS CN Cyclobexanecarboxanide, 4-(4-anino-5-(2-phenoxy-7-quinoliny1)-75 pyrrolo[2,3-d]pyrinidim-7-y1]- (CA INDEX NOME) LS ANSMER 4 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

PRI 067160-53-4 CAPLUS
CSI Cyclobeaneoarbeannide, 4-[4-amino-5-(2-phenyl-7-quinolinyl)-78-pyrrole[2,3-d]pyrinidin=7-yl]-8-methyl- (CA IRBEX NAME)

BM 867168-55-6 CAPLUS CM Cyclobexamesarboxamide, 4-[4-amino-5-[2-(2-thinny1)-7-quinoliny1]-78pyrrol(2,3-d)pyrimidim-7-y1)-8-methyl- (CA INDEX NAME)

15 AMSNER 4 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued

NN 86/188-5/-8 CAPLUS
CN Cyclobeaneosiboxamide, 4-[4-amino-5-(2-phenosy-7-quinoliny1)-7E-pyzrolo[2,3-d]pyzimidin-7-y1]-N-methy1- (CA INDEX NAME)

322 867168-59-0 CAPLUS CB Optobexamecatboxamide, 6-[4-amino-5-[2-[2-pyradiny]]-7-quanolany]]-78pyrrolo[2,3-d)pyramidim-7-yl]-8-methyl- (CA INDEX MARS) L5 ANSMER 4 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

HN 967168-61-4 CRPLUS CN Cyclobeanecarboxamide, 4-[4-amino-5-[6-chloro-2-(2-pyradanyl)-7-quinolinyl]-7b-pyrrolo(2,3-d)pyrinidin-7-yl)-4-methyl- (CA INDEX NME)

INI 867168-63-6 CAPLUS
CN Cyclobesom-carbonanade, 6-[4-animo-5-(6-chloro-2-phenyl-7-quanolanyl)-78pyrrolo[2,7-d]pyr.midim-7-yl]-N-methyl- (CA INDEX NVME)

LS AMENUR 4 OF 25 CAPLUS COPYRIGHT 2007 ACS on STRI

722 St7169-45-8 CAPAUS CR Cyclobeanees/boxanide, 4-[4-anizo-5-[4-chloro-2-(2-thlenyl)-7-quinellnyl]-72-gyrrolo(2,3-d)pyranidin-7-yl)-8-methyl- (CA INDEX NAME)

867168-67-0 CAPLUS Cyclohexanecarboxanide.

CN Cyclobexanecurboxanide, 4-[4-mino-5-(4-chloro-2-phenoxy-7-quinoliny1)-78-pyxxolo[2,3-d)pyxinidin-7-y1]-N-methyl- (CA INDEX NAME)

ANSMER 4 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

BET168-69-2 CAPLES Cyclobeaneearboasaide, 4-[4-anino-5-[6-chloro-2-[2-pyridiny])-quinoliny]-TB-pyrrolo[2,3-d]pyrinidin-7-yl)- (CA INDEX NAME)

Cyclohezanecarboxanide, 4-[4-anino-5-(6-chloro-2-phenyl-7-quinolinyl)-7H-pyrrolo[2,3-d]pyrinidim-7-yl]- (CA IMDEX NOME)

AMSNER 4 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

NN 867168-73-8 CAPURS CR Cyclobranecarboxamude, 4=[4-anize-5=[6-chlore-2-(2-thiery1)-7-quiroliny1]-78-pyrrolo[2,3-d]pyrinidim-7-y1]- (CA INDEX NAME)

867168-75-0 CAPLUS Cyclohexanecarisosanide, -animo-5-(6-chloro-2-phenoxy-7-quinoliny1)-78-pyrrolo[2,3-d]pyrinidim-7-y1]- (CA INDEX NAME)

FN 867168-76-1 CAPLUS CN 78-Pyrrolo[2,3-d]pyrinidin-4-amine, 7-[4-(aminomethyl)cyclobexyl)-5-[2-(2-thiomyl)-7-qainolimyl)- (CA INDEX NUME)

L5 ANSWER 4 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

867168-77-2 CAPLOS 7M-Pyrrolo[2,3-4]pyramidin-4-amine, 7-[4-(aminomethyl)cyclohexyl)-5-(2-phenyl-7-quanolizyl)- (CA INDEX 1996)



15 ARSMER 4 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued

200 567168-78-3 CAPLES CD 78-Pyrrolo(2,3-d)pyrsmidin-4-amume, 7-[4-(aminomethyl)cyclohexyl]-5-(2-phenoxy-7-quinollinyl)- (CA INOSK NOME)

NN 867168-79-4 CAPLUS
CN 7E-Pyrrolo[2,3-d]pyrinidin-4-anine,
7-[4-(aninomethyl)cyclobexyl]-5-[2-(2-)
pyridinyl)-7-qermolinyl]- [CA INDEX NAME;

33 867168-80-7 CAPLUS
GN 78-Fyrrolo(2,3-d)pyrnndup-6-anne, 7-[4-(animomethyl) oyolobezyl]-5-(6obloo-2-(2-thesp-21)-7-quinolisyl)- (CA INDEX NAME)

LS ANSMER 4 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR | | Continued

IN 087160-82-9 CAPADS

CM 78-Pyrrolo[2,3-d]pyrinidin-6-amine, 7-[6-(aminomethyl)cyclohexyl]-5-[6-chloro-2-[2-pyridinyl)-7-quinolinyl]- (CA INDEX ROME)

HN 067169-83-0 CAFLUS
CN 78-Fyrrolo[2,3-d]pyrimidin-4-anime, ?-[4-(animomethyl)cyclohexyl]-5-(6-chloro-2-phenoxy-7-quinolisyl)- (CA INDEX NAME)

L5 ANSWER 4 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM (Continued

PM 867168-85-2 CAPLUS
CM 78-Fyrrolo[2,3-4]pyrinidin-4-amine, 7-[4-(aminomethyl) dyolobexyl]-5-(6-chloro-2-phenyl-7-quinolinyl)- (CA IMDEX NAME)

NO 867168-87-4 CAPLUS
CN 7E-Pyrrolo(2,3-d)pyrinidin-4-anime, ?-[4-(animomethyl)cyclobexyl]-5-(4-methyl-2-phenyl-7-quinolinyl)- (CA INDEX NAME)

N 967169-89-6 CAPLUS

Page 16

L5 ANSMER 4 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) CN 78-Pyrrolo[2,3-d]pyrinidin-4-anime, 7-[4-(animosethyl)cyclohexyl)-5-[4methyl-2-[2-thinyl)-7-quinolinyl]- [CA HURDE NAME)

EN 867168-91-0 CAPLUS
CN 7M-Pyrrolo[2,3-d]pyrinidin-4-anise, 7-[4-(anisomethyl)cyclobexyl]-5-[4-methyl-2-phenoxyl-7-equinolisyl)- (CA INDEX NUME)

28 067168-93-2 CAPLUS 28 78-Pyrrolo(2, 2-d)pyrinidin-4-anime, 7-(4-(animomethyl)oyolohexyl)-5-(4methyl-2-(2-pyradinyl)-7-quanolinyl)- (CA INDEX NAME) LS ARSMER 4 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

AB . The title compds. I $|X|_{\phi}$ $|X| = N_{\phi}$ substituted CN; $|X|_{\phi} = N_{\phi}$ substituted CN

SE; X1, X4, X6, X7 = N, C (at least one of X3-X7 = N or substituted N0); G = quantituted quincular- $f_{\rm p} I$) which labels the 107-18 earyes and are such as conver, inclination, post-lades, allowards, resolvant consists and conditions of the neuron system, disease and conditions of the neuron system, disease and conditions of the central network system were properties $H_{\rm D}$, a multi-targe systemics of $H_{\rm D}$.

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from No-formyl--nirobensosis and scettophenose, was given. All
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PATENT ASSIGNEE(S):

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L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN Relative stereochemistry. (Continued)

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AREMER 5 OF 25 CAPLES COPYRIGHT 2007 ACS on STN 7E-Pyrrolo(2,3--d)pyrandan-4-anime, 7-(tram-4-(cyclopropy)inethoxy) eyelobaxyll-5-(4-(5,7-dimethyl-2-beriozarolyl)animo[phenyl]- (CA INDEX NAME)

NN 862723-51-1 CAPL/NS
CN 78-Pyrrolo(2,3-d)pyrinddin-4-anine,
7-[cis-4-(cyclopropyInethoxy)cyclobasy
1)-5-[4-(5,7-dinethy)-2-Demroxarolyl)anino]phenyl)- (CA INDEX NUME) Relative stereochemistry.

862723-61-3 CAPLUS
Acetamide, 2-[|trans-6-|4-anixo-5-|4-|[5,7-dimethyl-2-bm:roxxrolyl)anixo]phenyl]-TR-pyxrolo[2,3-d]pyxinidim-7-yl[cyclokeyl]anixo]-, diacetate [9CT] (CA. NEWER WHEN) CH 2

CMN 862723-60-2 CMP C29 H32 N9 C2

Relative stereochemistry.

LS ANSMER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

862723-58-8 CAPLES Acetanide, 2-[(cin-4-[4-anizo-5-[4-[45,7-dinethyl-2-bearons zolyl)anino]phenyl)-78-pyrrolo[2,3-d]pyrinidin-7-yl]cyclobasyl[anizo]- (CA IRUSZ NAME)

HN 062723-59-9 CAPLUS CN 78-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[4-[5-chloro-2-benzosazolyl)amino]-

ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



HB 862723-62-4 CANUB CB 78-Fyrrolo(2,2-4)pyrinidize-4-anise, 7-(eis-4-(eptopropylenthoxy)cyclohesy 1]-5-[3-fluoro-4-[(5-methyl-2-benrosarolyl)aniso]phenyl]- (CA INDEX SMM)

15 AMSMER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

562723-63-5 CAPAUS 2,5-PiperarinedCore, 1-[trans-4-[4-animo-5-[4-[5,7-dimethyl-2-bearcoarchyl)animo]phenyl]-78-pyrrolo[2,3-d]pyrinidim-7-yl]cyclobexyl]-ICA IRDEX NMMD

Relative stereochemistry.

ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on 979

62723-68-0 CAPLUS
2,5-Paperainedione, 3-[trans-4-[4-mino-5-[4-[15,7-dinethyl-2-bentomatolyl-amino-]-cllorophemyl]-78-pyrrolo[2,3-d]pyrinidin-7-yl]gyolohesyl]-, nonoacetate [9CI] (CA_INDEX_NUME) CM 1

CR2 862723-67-9 CMF C31 R31 F NS G3

Relative stereochemistry.

Page 19

AREMER 5 OF 25 CAPLUS COFFEIGHT 2007 MCS on STN (Continued) 062723-45-7 CAPLUS (2,5-Paperalisedione, 1-[trans-4-[4-anino-5-[3-filsoro-4-[4-anihy1-2-heatzonio]]1 anihojphenyl1-78-pyrro10[2,3-4]pyrinidis-7-yl1eytoheayl1-neocoacetate [65] (CA. INBER MMM)

CM 1

CRN 862723-64-6 CMF C30 B29 F NS G3

Relative stereochemistry.

862723-66-8 CAPLUS 2,5-Piperarisediome, 1-[trans-4-[4-animo-5-[4-[[5-chloro-2-benrous roly1)animo]-3-fluoropheny1]-78-pyrrolo[2,3-d]pyrimidin-7-yl]cyclobasyl]- (CA INDEX NDME)

Relative stereochemistry.

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) CM 2

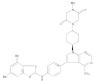
862723-69-1 CAPLUS
2,5-Piperarizedione, 1-[trans-4-[4-anino-5-[4-[[5,7-dinethyl-2-bearosaroly]]anino]phesyl)-78-pyrrolo[2,3-d]pyrunidin-7-yl]cyclobexyl]-4-[-nethyl-thyl]- (CA_NEGE_NOME)

Relative stereochemistry.

862723-74-8 CAPLUS 2,5-Paperaranedione, 1-[trans-4-[4-animo-5-[4-[5,7-dimethyl-2-bencommonlyl]animo[phemyl]-78-pyrrolo[2,3-d]pyramidim-7-yl]cyclohexyl]-4-methyl- (CA. NEGEK NAME)

Relative stereochemistry.

15 AMENUR 5 OF 25 CAPLIE COPYRIGHT 2007 ACS on STN (Continued)



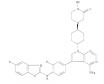
L5 ANSMER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



062723-90-0 CAPAUS Fiperatione, 4-[trans-4-[4-anixo-5-[2-fluore-4-[15-fluore-2-bestournelyl/anixo]phesyl)-?8-pyrrolo[2,3-d]pyrinidin-?-yl)cyclohexyl]-1-methyl- [SCI) [CA_RUSE_RUSE]

Relative stereochemistry.

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

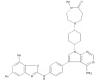


862723-98-6 CAPLES 58-1,4-Dlarepin-5-ore, 1-[cis-4-[4-anino-5-[4-[15,7-dinethyl-2-bencowscolyl]anino]phenyl]-78-pyrrolo[2,3-d]pyrindin-7-yl]cyclokoxyl]boxahydro-4-nethyl-, moroacetate (SCI) (CA INDEX UME)

CRN 862723-97-5 CRF C33 H38 N8 O2

Relative stereochemistry.

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

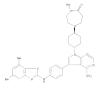


862724-00-3 CAPLUS 5M-1,4-Diatepin-5-com, 1-[trans-4-[4-animo-5-[4-[5,7-dimethyl-2-benrows rolyl)animo]phemyl]-7M-pyrrolo[2,3-d]pyrimidin-7-yl]pyslokesyl]besablykro-4-methyl-, monoacetate (SCI) (CA INDEX NAME)

CBN 862723-99-7 CMF C33 B38 N9 G2

Relative stereochemistry.

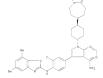
15 AMSMER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



- CMN 64-19-7 CMF C2 84 0
- 80-C-CH3
- NN 862724-02-5 CAPE/S CN 58-1,4-Disarspin-3-one, 1-[cis-4-[4-anino-5-[4-[5,7-dinethyl-2-bencomacolylamino]-3-florosphmyl]-78-pyrrolo[2,3-d]pyrimidin-7yl[cyclotexyl]hexahydro-4-methyl-, monoscatate (SCI) (CA INDEX NAME)
 - CMF 033 837 F N9 02

Relative stereochemistry

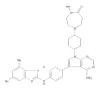
15 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continued)



- CRS 64-19-7
- 80-0-08+
- 20 862724-11-4 CAPATS CM 22-1, 4-Distrepan-2-one, 4-[trans-4-[4-animo-5-[4-[15,7-dimethyl-2-benrossolyk]amino[phenyk]-7%-pytrolo[2,3-d]pytinidim-7-yl]oyolohexyl)hexahydro-1-nethyl- (Ch INDEX NAME)

Relative stereochemistry.

LS AMEMEN 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM (Continued)



- CM 2 CMF 64-19-7 CMF C2 84 02
- NO-C-CH3
- NB 862724-04-7 CAPLUS
 CN 58-1,4-Disappin-3-com, 1-[trans-4-[4-mino-5-[4-[5,7-disethyl-2-benzonsoty],unino]-3-floorphenyl]-TR-pyrrolo[7,3-d]pyrindin-7-yllopicloksyl]bezshydro-4-methyl-, monocetate (PCI) (CA INDEX INNE)
 CH 1
 - CRN 862724-03-6 CMF C33 837 F N8 02

Relative stereochemistry.

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



- 38 \$62724-19-4 CANDES C2 2,5-Psperarisediore, 1-[trans-4-[4-anino-5-[4-[[5-ehloro-7-methyl-2-benrosa colyl]anino]phenyl]-78-pyrrolo[2,3-d]pyrinidin-7-yl]eyelohexyl]-(C. HONZ MOHE)
- Relative stereochemistry.



FN 052724-50-3 CAPLUS CN 78-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[4-[(5-chloro-7-methyl-2-

15 AREMER 5 OF 25 CAPLIES COPYRIGHT 2007 ACS on STN (Continued) bes monamolyl)amino]phenyl]-7-[trans-4-(2-methoxyethoxy) cyclohexyl]- (CA REDIX RME)

062724-51-4 CAPCUS 7R-Pyrrolo[2,3-d]gyrinidin-4-anims, 5-[4-[(7-chloro-5-methyl-2-bencomnoly]]animo]gbenyl]-7-[trams-4-(2-methoxyethoxy) oyelobesyl]- (CA

862724-52-5 CAPLUS Paperagamone, 4-[trans-4-[4-amino-5-[4-[45,7-dinethyl-2-

15 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM (Continued)

862724-56-9 CAPLUS
7E-Pyrolo(2,3-d]pyranidan-4-anine, 5-[4-[(5,7-dinethyl-2-berroxarolyl)anino]-3-fluorophenyl]-7-[trans-4-(4-nethyl-1-paperarinyl)cyclohesyl]- (CA INDEX NMES)

Relative stereochemistry.

NS 802724-72-9 CAPLOS CD Fiperariscom, -4[tram -4[-4-miso-5-[4-[(3-chloro-2-benioxaroly)]aniro]-3-fluorephenyl1-71-pyrrolo(2,3-d]pyrinidin-7-yl]cyclobasyl]-1-(1-mcV)ylethyl)- (SCI) (O. NEMOX NOMA)

Page 22

ARBMER 5 OF 25 CAPLES COPYRIGHT 2007 ACS on STR (Continued) benzozarolyl/amino/phemyll-7H-pyrolo/g2,3-d/pyrimidin-7-yl/cyclohexyl]-1-methyl-(RCI) (C. NIMEX NOME)

Relative stereochemistry.

862724-53-6 CAPLUS Ribanol, 2-[[tran-4-[4-anizo-5-[4-[5,7-dimethyl-2-bearozarolyl)anizo]phenyl)-78-pyrrolo[2,3-d]pyrimidin-7-yl]cyrlobexyllanizo]- (CA INGEX NUME)

Relative stereochemistry.

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



862724=73-0 CAPLUS
Piperalinose, 4-[trans-4-[4-anizo-5-[4-[5,7-dimethyl-2-bemrous rolyl) anisophenyl]-78-pyrrolo[2,3-d]pyrimidin-7-yl]cyclobaxyl]-1-[C2] (CA INDEX M9MI) Relative stereochemistry.

15 ARSMER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

LS AMEMER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

Relative stereochemistry.

862724-75-2 CAPAUS Fiperariscop, 4-[trans-4-[4-mino-5-[4-[45,7-dimethyl-2-bentoxic]]]naino]-3-[lworephenyl]-78-pyrrolo[2,3-d]pyrimidin-7-yl]cylobasyl]-1-[1-sethylethyl)- (9CI) (CA 1886X-888S)

15 AMBNER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

- 38 862724-85-4 CAPUTS
 CR: ZB-Pyrrolo[2,7-e]pyrinddin-4-amine,
 5-[4-(15-ehloro-2-benroxaroly1)amino]3-floorophemy1]-7-[trans-4-(2-methoxyethoxy)cyclobsxy1]- (CA INDEX NUME)

Relative stereochemistry.

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continued) Relative stereochemistry.



FIN 062724-01-6 CAPAGE CRI Piperarisone, (-trans-d-f-eniso-5-[4-[5-chloro-2-bennomaroly1)amino]-3-(Eluccophenyl)-78-pyzzolo(2,7-d)pyzinidin-7-yl)cyclohesyl]-6,6-dinethyl-(SCI) (CA ZHEMA NOWA)

Solative stereochemistry.

862724-88-7 CAPLUS Piperazinome, 4-[tranz-4-[4-amino-5-[4-[5-chloro-2-

oxazolyl)amino]phenyl]-78-pyrrolo[2,3-d]pyramidin-7-yl]cyclohexyl]-6,6-daechyl- (9Cl) (CA INDEX NAME)

15 AREMER 5 OF 25 CAPINS COPYRIGHT 2007 ACS on STM (Continued) Relative stereochemistry.

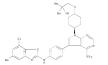
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15 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STS (Continued)

320 84373-33-4 CANCOS

10 2-Propanol, 1-[(trans-4-[4-aniso-5-[4-[7-chloro-3-nethyl-2-bearcoaxolylanino[phosyl-7-li-pyrcolol/2,3-d]pyrinidin-7-yl)cyclohesylloxyl-2-nethyl- (0, 1002X NNS)

Mediative stepodensisty.



NB 842725-21-7 CARCUB
CR 2-Propage, 1-[[rams-4-[4-mino-5-[4-[(5-fluoro-7-nethyl-2-benroance]v]] namino[phemyl]-78-pyrrolo[2,3-d]pyrinidin-7-yl]eyelohexyl]oxy]-2-nethyl- (CA INDEX NOWE)

- L5 ANEMER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) SN 862725-21-1 CAPLUS (CONTINUED) 1-1 (Trans-4-14-aniso-5-[4-[45,7-dimethyl-2-
- benrowarelyllanine]phenyl]=7H-pyzzolo{2,3-d]pyzinidin=7-yl}eyelohexyl]oxy]= 2-methyl= (CA IRREX NAME)
 Belative stereochenistry.



NB 862725-23-3 CMANS
C 2-7repand, 1-[[trans-4-[4-anixo-5-[4-[15-chloro-7-methyl-2benrozazoly1)anixo]phanyl-7E-pyrrolo[2,3-d]pyrindin-7-yl]cyclobaxyl]oxyl-2-methyl- (CA NBCA NMS)

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



III 86:713-29-3 CMINES

2-Froparol, 1-[|tran-4-[4-aniso-5-[4-[|5-chloro-2-]
bennoasolyl/aniso|phesyl]-78-pyrrolo[2,2-d]pyrinidin-7-yl]cyclohexyl]oxyl2-methyl- (CA IMER NMM)



15 AMENUR 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued

33 84274-21.3 CANDR S 2-Propanol, 1-[[trans-4-[4-anino-5-[3-fluoro-4-[5-(trifluoromethyl)-2-bearcoarcoly]annolphamyl]-Tr-pyrrolo[2,3-d]pyrindin-7-y2[cyclobasyl]cayl-2-nexpyl- [CA.TROIX 5060]

23 862725-33-4 CAPLUS 2-Propagal, 1-[[trans-4-[4-anino-5-[4-[[5-chloro-2-benrozaroly1]anino]-3-fluoropheny3]-78-pyrrolo[2, 3-d)pyrinidin-7-yl]oyoloheayl]oay)-2-methyl-16A NOES NOES

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continued

200 842725-42-4 CAPOUS CD 76-Pyrrolo[2,3-d]pyrinidin-4-anine, 5-[4-[(7-broso-5-nethyl-2-benroware/yllanino]phenyl)-7-[trans-4-[2-nethoxyethoxy) gyolohexyl]- (CA 2DEX WORK)

Relative stereochemistry.

NA 962725-54-0 CAPURS
CN 78-Pyrrolo[2, 2-d]pyrinidin-4-anine, 5-[4-[15,7-difluoro-2-benrolarolyllamino]phenyl]-7-[trans-4-[2-nethoxyethoxy)cyclobexyl]- (CA IRDIX SUME)

MINISTE REFERENCE

L5 ANSMER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



NB 68(735-73-5 CALUM -Frequent, 1-[trans-t-[4-snine-5-[4-[7-chlere-5-finere-2benezasoly]/animojphamy]-7-repyrrolo[2,3-djpyrinidin-7-y4]cyclebsy4[oxy]-2-esty4- (CA 2003 1006)

PN 862725-41-5 CAPLOS

CN 78-Pyrrolo[2,3-d]pyrinidin-4-anine, 5-[4-[(7-brono-5-fluoro-2-benzoszoly])anino]phenyl)-7-[trans-4-(2-methoxyethoxy) oyolohexyl]- (CA NDEX RAMB)

15 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



IR 862725-55-1 CAPLUS
CR 78-Pyrrolo[2,3-d]pyrimidin-4-mnine, 5-[4-[47-chloro-5-flooro-2-bencouse3/yllamino]pheny3]-7-[trans-4-[2-methoxyethoxylcyclobexy2]- (CA NUMEX NOVE)

Relative stereochemistry.



38 862725-54-2 CAPLUS 78-Pyrrolo[2,3-d]pyrinidin-4-anine, 5-[4-[45,7-difluoro-2-benzoszolyllanino]-3-fluorophenyl]-7-[trans-4-[2-actboxyetboxy]-yelohesyl]- [CA INDEX NAME]

Relative stereochemistry.

15 AREMER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

30 96272-57-9 CMLMS CN 7E-Pyriol(2,2-d)pyrindin-6-unios, 5-(4-17-chloro-5-methyl-2hearth (2,2-d)pyriol(2

NE 862725-60-8 CAPLES
CE 78-Pyrolo[3,3-6]pyrumidin-4-anine, 5-[4-[(5-broso-7-methyl-2-benouscy)]nmino[phenyl]-7-[trans-4-[2-methoxyethoxy)]yplobexyl]- (CA NDEX NAME)

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM (Continued)

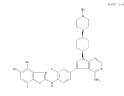
331 862725-76-4 CANCOS
CN Experazione, 4-l'azan-4-(4-anino-3-(4-commonlo(4,5-c)pyridin-2-ydanino)phosy-10-pyrolo(2,3-d)pyrinidin-7-y3)cyclobasys)-1-nethyl-[621] (X mozz Node)
Felazive stereoblemistry.

NR 862725-79-9 CAPLUS CR TR-Pyrrolo[2,3-d]pyrunidin-4-anuse, 5-[4-](7-chloro-4,5-dinethyl-2-benrozarolyl)anuso]-3-Elworophenyl]-7-[cus-4-[4-nethyl-1-piperarusyl)cyclobacyl]- (CA NROEK NRME) 15 ANSMER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued

NB 95275-72-1 CATANN CH 78-Tyrocolo(2, -d)gyrindam-6-mins, 5-[4-[5-chloro-7-methyl-2methosynthosy)cynloheyl] --tluorophosyll-7-[trans-4-(2methosynthosy)cynloheyl] (CA INEEX NAME) Relative stareochenisty.

NB 861725-72-2 CAPUN NB-PATRONICAL T-SEPARATION - 4-mins, 5-[4-][5-chloro-7-fluoro-2nencoszolyl]minso]-5-fluorophomyl]-7-[trans-4-(2netboxyetboxy)oylohesyl]- (CA INDEX NUME) Relative stereobholisty,

L5 ANSMER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM (Continues Relative stereochemistry.



PAGE 2-A

NB 86/23-80-2 CMPUB 20 78-Pyrrolo[2,3-d]pyrindin-4-amine, 5-[4-[(5-chloro-7-methyl-2-berroratolyl)amino]-3-fivorophrnyl]-7-[clir-4-[4-methyl-1-puperarinyl)cyclobenyl]- (CA INEXX NAME) Pelative stereodhristry. 15 ARSMER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

862725-81-3 CAPANS
7E-TYPTOJO[2,3-d:]pyrinidin-4-anine, 5-[4-[47-chloro-5-methyl-2-benrozarolyl]anino]-3-fluorophenyl]-7-[cis-4-[4-methyl-1-paperarinyl)cyclohenyl]- (CA 18DEX NME)

LS ANSMEN 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

B62725-97-1 CAPLUS 78-Pyrrolo (2.7-d)pyrinddin-4-anise, 5-[4-[(5-fluoro-7-methyl-2-benrosaroly]lamino]phemyl]-7-[trans-4-(2-methoxyethoxy)cyclohexyl]- (CA INDEX NAMES)

Relative stereochemistry.

862725-98-2 CAPLUS

Relative stereochemistry.

862725-99-3 CAPLUS 7-Benzoxazolecarbomitrile, 2-||4-|4-amimo-7-|trans-4-|2-

methoxyethoxy) cyclohexyl) -78-pyrrolo (2,3-d)pyrimidin-5-yl)phenyl)anino) -5-brono- (CA INDEX NUME)

Relative stereochemistry.

Page 27

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM (Continued) Relative stereochemistry.

188 062726-20-3 CAPAUS
CR 78-Pyrrolo(2,3-d)pyrinidin-4-anise,
7-[ois-4-(dimethylanise)-cyclobexyl)-5[3-fisoro-4-[5-methyl-2-bentoxazolyl)asimo)phenyl]-, diacetate (9CI) INDEX NAME) CN 1

CRN 862726-19-0 CMP C28 B30 F N7 O

Relative stereochemistry

15 AREMER 5 OF 25 CAPLIS COPYRIGHT 2007 ACS on STN (Continued) CM 2

80-0-081

NN 862726-23-6 CAPS.//8 CN 78-Pyrrolo[2]-2-d]pyrinidin-4-anime, 7-[trans-4-(inenthylanimo)-qyrlobasyl]--5-(3-fiboro-4-[5-enthyl-2-benrosarolyl)animo]phemyl]-, momoacetate [9CI] [CA INDEX 1990]

CN 1

CMN 862726-22-5 CMF C28 830 F N7 O

CM 2

CRS 64-19-7 CRF C2 84 02

15 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM (Continued)

www.ias-ub-U CAPACHS
58-1,4-Diarcpin-b-one, 1-[trans-4-[4-anino-5-[3-fluoro-4-[5-methyl-2-bentowardyllanano]picepyl)-78-pyrrolo[2,3-d]pyrinidin-7yl] cyclokexyl]hexabydro-4-methyl- (Ch INDEX NAME)

Relative stereochemistry.

H: 562724-37-2 CAPLUS CD 58-1,4-Diazepin-5-one, 1-|ois-4-|4-amino-5-|3-fluoro-4-|(5-methyl-2-Page 28

862726-25-8 CAPLUS
Pipersaiscone, 4-[trans-4-[4-anino-5-[4-[45,7-dinethyl-2-benroancoly]anino]-7-Eleorophenyl]-78-pyrrolo[2,3-d]pyrinidin-7-ylloycloheayl]- (SCI) (CA INDEX NAME)

Relative stereochemistry.

L5 ARSMER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continued) benzoszolyl/amino/phenyl)-78-pyrrolo[2,3-d]pyramidin-7-yl]-qyelobexyl)|heabhyte-4-methyl-, monoacetate (SCI) (CA INDEX NAME) CM 1

CRN 862726-36-1 CMF C32 R35 F N8 O2

Relative stereochemistry.

962726-40-7 CAPLOS Piperazimone, 4-[trans-6-[4-amino-5-[4-][5,7-dimethyl-2-benzoszolyl]amino]-3-fluorophenyl]-78-pyzrolo[2,3-d]pyzimidin-7-yl]cyclobenyl]-1-methyl- (SCI) (CAIMDEX MMHE)

Relative stereochemistry.

15 ARSMER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

862726-41-8 CAPAUS Fiperalmone, 4-[trans-4-[4-anino-5-[3-flvoro-4-[15-methyl-2-benrousrolyl]anino]plenyl]-78-pyrrolo[2,3-d]pyrinidin-7-yl]cyclobesyl]-1-methyl-[9(1) (CA_NNOSA_WARD)

LS AMEMER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

062726-50-9 CAPLOS 78-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-[4-[45,7-dimethyl-2conzolyl)amino)-3-flworophenyl)-7-[trans-4-(1-piperazinyl)cyclohenyl]-(CA IMDEK NOME)

Relative stereochemistry.

15 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM

562727-43-2 CAFGUS 78-Pyrcko(2,7-ed)pyrindds-4-aniss, 5-[4-[45,7-dimethyl-2-bentomethyl-1]aniso(-3-dimethyl-1)-7-[trans-4-(18-tetrarol-5-yl) syslobasyl)- (901) (CA 18882 MMMS)

Relative stereochemistry.

862727-46-6 CAPLUS Cyclopentanol, (-amino-5-(4-[45,7-dimethyl-2-beenomanolyl)amino]phenyl]-78-pyrrolo[2,3-d]pyrinidin-7-yl]-, [18,35)-rel- (CA INDEX NAME)

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continued) Relative stereochemistry.

388 862727-47-7 CAPLUS
CM Cyclopentanol, 3-[4-anixo-5-[4-[4-[5-chloro-7-methyl-2-benzoza nolyllamino]phenyl]-78-pyrrolo[2,3-d]pyrinidin-7-yl]-,
[28, 35)-rel(X. NEEK NOME)

Relative stereochemistry.

862727-62-6 CAPLUS
7B-Pyrrolo[2,3-d]pyrundin-4-amins, 5-[4-[(7-ethyl-5-methyl-2-bmzozaio]yl)amio]-fiborophinyl]-7-[cia-4-(4-methyl-1-piperainyl)cyclobacyl]- (CA INDEX NUME)

Relative stereochemistry.

15 ARSMER 5 OF 25 CAPLIES COPYRIGHT 2007 ACS on STR (Continued

392 862727-63-7 CAPLUS
CN 78-Pyrrolo(2,3-ed)pyrinidin-4-anise, 7-[els-4-(4-eyelopropyl=1puperarunyl)eyelobesyl]-5-[4-(45,7-dinethyl-2-benrossrolyl)anise]-3fluorophesyl= (CA INDEX NAME)

Relative stereochemistry.

38 86272-64-8 CARUSS CR 76-Protocol2, 3-dipyrinidin-4-mins, 6-brono-5-[4-[15,7-dimethyl-2-benzozzolyl)sming]-3-fisorophenyl]-7-[dim-4-(4-methyl-1-pherezinyl)eyclobeyl]- CG 78662 NME)
Polative streophenistry

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

NN 862727-65-9 CAPAUS CR 72-Fyrrolo(2,3-d)pyrinidin-4-anime, 5-[4-[(5,7-dimethyl-2-benrosacty)]animo|-3-fileocophenyl]-7-[cis-4-[4-(methylsulfonyl)-1-puperaznyl]cyclobexyl]- (CA INDEX NAME)

Relative stereochemistry.



L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

NN 0E7727-76-2 CAPLOS
CN 7R-Pyrrolo[2,3-d]pyrinidin-4-anime,
7-oyolopenty1-5-[4-[(5-methy1-7-[3-[4morpholinyl)propy])-2-benrous rolyl]animo]phenyl]- (CA IRDEX NAME)

PSI 062720-04-9 CAPLUS
CN 78-Tyrrolo[2,3-d]pyrinidin-4-amine, 5-[4-[[5-chloro-7-[3-(4-morpholiny])propoxy]-2-benroxarolyl]amino]phenyl]-7-cyclopentylINDEX 19ME)



AMEMIE 5 OF 25 CAPUIS COPYRIGHT 2007 ACS on STM (Continued) 85272-06-3 - CARCUS 72-Pyrroid(2)-05272-06-3 - CARCUS 72-Pyrroid(2)-05272-0527

562728-30-1 CAPLUS Piperarinose, 4-(trans-4-[4-anizo-5-[3-fixoro-4-[(5-methyl-2-benovarolyl)arizo]phenyl]-78-pyrrolo[2,3-d]pyrinidis-7-yl]cyclobexyl]-[6C1] (CA INEXE NAME)

Relative stereochemistry.

862730-53-8 CAPLUS

AMBNER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR

12 \$2442-44-2 \$22705-31-3 \$22705-31-6 \$227

862730-18-5 CAPLUS 78-Pyrrolo[2,3-d]pyrimidin-4-mine, 5-(4-minophenyl)-7-[trans-4-(2-methoxyethoxy)oyolohexyl]- (CA INDEX NAME)

AMEMBER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM (Continued)
Paperazinose, 4-[4-[4-anino-5-[4-[[5-chloro-2-benioninjyl)anino]-3fluorophenyl]-TH-pyrrolo[2, 3-d]pyrimidin-7-yl]cyclobesyl]-1-methyl- (9C1)
(CA INDEX SUME)

862730-54-9 CAPLNS
78-Pyrrolo[2,3-d]pyrinidin-4-anise, 5-[4-[5-chloro-2-bearosacolyl)aniso]phenyl)-7-[4-(2-methoxyethoxy)cyclobexyl)- (CA INDEX ROME)

962730-55-0 CAPLUS
7B-Pyrrolo[2,3-d]pyrinidin-4-amine, 5-[4-[5-brono-7-methyl-2-benzozarolyl]amino]phenyl]-7-[4-(2-methoxyethoxy)cyclohexyl]- (CA INDEX

L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

NN 862730-21-0 CAPLUS
CN 78-Pyrcolo(2,3-d)pyrinidin-4-anine,
5-(4-anino-3-fixorophenyl)-7-[trans-4[2-methoxyethoxyethoxyl)- (CA NNDEX NUME)

Relative stereochemistry.

bs2736-27-6 CAPLOS Piperazinose, 4-[trans-4-[4-amino-5-(4-aminopheny1)-78-pyrrolo|2,3-dpyriminn-7-y1)eyoloheny1]-1-methyl- (9C1) (CA IMBER NAME)

15 AMSMER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

842730-32-3 CAFUUS Cyclobessones, 4-(4-anino-5-[3-fisoro-4-[5-nethyl-2-bessones, 4-(4-anino-5-[3-fisoro-4-[5-nethyl-2-bessones)])

862730-33-4 CAPLUS Cyclobesanoze, 4-|4-anino-5-|4-|{5,7-dimethyl-2-benzoxazolyl}ani fluorophenyl}-7B-pyrrolo[2,3-d]pyrinidin-7-yl}- (CA INDEX NAME)

862730-36-7 CAPLUS
1-Paperaraneourboxylic acid, 4-[car-4-[4-aniso-5-[4-[5,7-dinethyl-2-bearcoxacolyl)aniso]-3-fisorophenyl]-7B-pyrrolo[2,3-d]pyrinidin-7-yl]gyclobacyl]- 1,1-dinethylethyl ester (CA. INDEX. NME) Relative stereochemistry.

(Continued)



15 ANNHER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR PAGE 2-A

842730-37-8 CAPLUS
1-Paperaranecarboxylio acid, 4-[trans-4-[4-anino-5-[4-[5,7-dinethyl-2-benrowardy]]anino]-3-fluorophenyl]-78-pyrrolo[2,3-d]pyrinidin-7-yl]cyclobaxyl]-, 1,1-dinethylethyl ester (CA INDEX MMED)

Relative stereochemistry.

862730-45-8 CAFGUS Cyclobeasaron, 4-[4-amino-5-[4-amino-3-fluorophemyl])-78-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA IMDEX MAME)

ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

8E2730-48-1 CAPLOS
78-Pyrrolo[2,3-d]pyrinddin-4-anime, 5-|4-|(7-mrono-5-methyl-2-benroxarolyl)animo]-3-fluorophenyl)-7-|cis-4-(4-methyl-1-piperarinyl)cyclohexyl)- (CA INDEX NAME) Relative stereochemistry.

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15 ARRIMER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

862728-56-1 CAPLUS Cyclobexanecarbonitrile, 4-[4-anino-5-[4-[45,7-dinethyl-2-bearoaxolyl)anino]-3-fluorophenyl]-78-pyrrolo[2,3-d]pyrinidin-7-yl]-, trana- (CA NEMIC NUME)

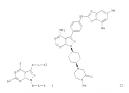
Relative stereochemistry.

LS ANSMER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

IN 062729-24-6 CAPLUS
CR 7-Renrowarolol,
2-[[4-(4-anino-7-cyclopenty1-78-pyrrolo[2,3-d]pyriaidin-5-yl]phenyl]anino]-5-chloro- (CA INDEX NOME)

IN 862729-26-8 CAPLUS
CR 7-Remrowarchol,
2-[[4-(4-anino-7-cyclopentyl-7R-pyrrolo[2,3-d]pyrinidin-5-yl)-2-(lworophenyl]anino]-5-ohloro- (CA INDEX NOME)

ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



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L5 ANSWER 5 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM (Continued)

L5 AREMER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR ACCESSION NUMBER: 2004-430805 CAPLUS DOCUMENT NUMBER: 10:423702

TITLES

1401423702 Preparation of 4-amino-5-phenyl-7-cyclohexyl-pyrrolo[2,3-d]pyrinidine derivatives as amtiproliferative agents Capraro, Bans-Georg; Furet, Pascal;

PATENT ASSIGNMENTS:

Carlos Novartis A.-G., Dwitz.; Novartis Pharma G.m.b.S. PTI Int. Appl., 65 pp. CODES: FINCED Patent English DOCUMENT TYPE: LANGUAGE: FAMILY ACC: NU DATEST TENORMA

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ADDRESS 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continued)

692782-01-7 CAPLUS Cyclobearol, 4=[4-anino=6-brono=5=[3=(phenylmethoxy)phenyl]=78= pyrrolo[2,3-d]pyrunudin=7-yl]-, dis= (CA INDEX NAME) Relative stereochemistry.

692782-02-8 CAPLUS Cyolokasanol, 6-[4-anino-6-brono-5-[3-(phenylhethoxy)phenyl]-78-pyrolol[2,3-d]pyrinidin=7-y1]-, trans- (CA INDEX NMEE)

L5 ANSMER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) Relative stereochemistry.

692781-75-2 CAPLUS 78-Pyrroio(2,3-d)pyrimidin-4-amine, 7-{cis-4-aminocyclohesyl)-5-{3-(phenylmethoxy)phenyl)- (CA INDEX NAME)

692781-81-0 CAPLUS
78-Pyrrolo[2,3-4]pyrinidin-4-anise, 5-[3-(phenylmethoxy)phenyl]-7-[cis-4-(2-pyrinidinylaniso)cyclobesyl]- (CA INDEX NAME) Relative stereochemistry.

ANSWER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM [Continued]



692782-03-9 CAPLUS Cyclobranol, 4-[4-amino-6-methyl-5-[3-(phenylmethoxy)phenyl]-78-pyrolo[2,3-d]pyrimidin-7-y1]-, cis- (CA INDEX NUME) Relative stereochemistry.



692782-11-9 CAPLUS Cyclobenanol, 4-(4-amino-5-|3-(phonylnethoxy)phonyl)-78-pyrrolo|2,3-d|pyrinidiz-7-y1)-, trans- (CA_INDEX_NAME) Relative stereochemistry.

AMSMER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

02713-42-77 02713-43-97 02703-44-97
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Relative stereochemistry.

AMBRER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continued)

NN 692781-65-0 CAPLUS
CN 72-Pyrrolo[2,3-d]pyrinidin-4-anine,
5-[3-(phenyl)nethoxy)phonyl]-7-[trans-4[1-pyrolidinyl)cyclobexyl]- (CA INDEX NAME)

Relative stereochemistry.

692781-66-1 CAPLUS 7E-Pytrolo(2,3-d)pyrimidin-4-amine, 7-[ois-4-(4-methyl-1-paperailagk) cyclobexyl]-5-[2-(phenylmethoxy)phenyl]- (CA INDEX NAME)

LS AMSMER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR | Continued



EN 692781-63-8 CAPLES
CN 7B-Pyrcolo[2,3-d]pyrinidin-4-anine,
5-[3-(phenylmethoxy)phenyl]-7-[trans-4[1-piperidinyl)cyclohesyl]- (CA INHEX SUME)

Relative stereochemistry.



692781-64-9 CAPLUS 7B-Pyrrolo[2,3-d]pyrimidin-4-mnine, 5-[3-(phenylmethoxy)phenyl]-7-|ris-4-(l-pyrrolidinyl)cyclobexyl]- (CA INDEX NOME)

ANSWER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



692781=67-2 CAPLUS
78-Pyrrolo(2,3-d)pyrimidin-4-amine, 7-[trans-4-(4-methyl-1-piperarinyl)cyclobexyl]-5-(3-(phenylmethoxy)phenyl]- (CA INDEX NAME) Relative stereochemistry.



692761-68-3 CAPLUS 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, cia-4-(4-morpholiny1) cyclobexyl]-5-[3-(phenylmethoxy)phonyl]- (CA INDEX NUME)

15 AMSMER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

930 692781-69-4 CAPADS CN 7E-Pyrrolo(2/3-d)pyrinidin-4-amine, 7-[trans-4-(4-norpholiny1)cyclobexy1)-5-(3-(phexylmethoxy)pheny1)- (CA INDEX NAME)

Relative stereochemistry.



NN 692781-70-7 CAPLUS
CR 72-Fyrrolo(2,3-d)pyrinidin-4-anime, 7-[cls-4-(1-aretidiny1)cyclobexy1)-5[3-(phenylmethoxy)pheny1)- (CA INDEX NAME)
Relative stereochemistry.

L5 ANSMER & OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continued)



92 692781-73-0 CAPLUS
CR 7E-FyrroLo[2,3-d]pyramidin-4-anime,
5-[3-(phenylmethoxy)phenyl]-7-[trans-4[4-thlomorpholimyl)pyrlohesyl]- (CA INDEX NAME)

Relative stereochemistry.

533 632761-74-1 CAPLUTS
CD0 7E-Pytrolo(2,3-d)pytrinidin-4-amine,
7-[train-4-dischylamino)cyclobacy1]-5[2-(phenylmethosy)phenyl)- (CA INDEX NAME)

Relative stereochemistry.

LS ANSMER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



NN 692781-71-8 CAPLUS
CN 78-Fyrrolo[2,3-d]pyrinidin-4-anine,
7-[trans-4-(1-aretidiny1)eyelobexy1]-5[8-[phenylinethoxy]phenyl]- (CA INDEX NAME)



NN 692781-72-9 CAPLUS
CN 7M-Pyxxolo(2,7-d)pyxinidin-4-anime, 5-[3-(phenylmethoxy)phenyl)-7-[cis-4-(4-thiorephelinyl)-qclohenyl)- (CA INNEX MAKE)
Telative stateochemistry.

15 ANSWER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)





BH 692701-77-4 CAPLAS

CH Urea, N=[cis-4-[4-anxno-5-[3-[phenylnethoxy)phenyl]-7H-pyrrolo{2,3-d}pyrinidix-7-yl]cylobexyl]-H*-nethyl- (CS INDEX NAME)

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15 AMEMER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

NN 692781-78-5 CAPLOS
CN 1-Piperudisescetanide, N-[cis-4-[4-anino-5-[3-(phenylmethoxy)phenyl]-78pyzrolo[2,3-d]pyzundin-7-yl]cyclohexyl]- (CA INDEX NAME)
Pelative stereochematry.

NN 692781-79-6 CAPLUS

(N 4-Morgholimeacetanide, N-[ois-4-[4-anino-5-[3-(phenylmethoxy)phenyl]-78pyzrol[2,7-4]pyzindin-7-yl]cyclohexyl]- (CA INDEX NAME)

Falative stereochemistry.

L5 ANSWER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

381 692701-83-2 CAMLUS
CN 78-byrrolo(3,3-d)pyrintdin-4-amine, 7-[dis-4-[4,5-dihydro-18-inidazol-2yllanno[q-globary]=5-[3-(phenylmethoxy)phenyl]= (CA IMMEX NAME)
Relative sterocchemistry.

20 692791-84-3 CAPUTS
CON Mechanesuicomanide, N-[ois-4-[4-anino-5-[3-[phenylmethoxy]phenyl]-7Hpyrrolo[2,3-4]pyranidis-7-y1] oyolobexyl) - (CA IMDEX NAME)
Felative stereochemistry.

LS ANSMER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

RE (\$2.701-80-9 CAFLNS | 1-Fuperalmenterial (N | 1-Fup

388 692781-82-1 CAFLOS
CN 78-Pytrolo[2,3-d]pytrinidin-4-anine, 5-[3-(phenylmethoxy)phenyl]-7-[cis-4-[(l,2,5,6-tetrabydro-2-pytrinidinyl)anino]oyolohexyl]- (CA REEK NAME)
Relative stereobonistry.

L5 ANSMER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

JN 692781-55-4 CAPLUS
CM Sulfanade, N'-[cis-4-[4-anino-5-[3-(phenylmethoxy)phenyl]-7H-pyrrolo[2,3-d)pyrimidis-7-yl]cyclobesyl]-N,N-dimethyl- (CA INDEX NOME)
Felative eterocobenistry.

FM 692761-86-5 CAPLOS CM 7M-Pyrcholo(2,3-d)pyrimidin-4-anine, 7-(obs-4-(dimethylamino)oyoloboxyl)-5-[3-(phenylaethoxylyhenyl)- (CA IRDEK NAME)

15 ARSMER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued

NN 692701-87-6 CAPLUS
CN Acetanide, N=(61s-4-(4-anino-5-[3-(phenylmethoxy)phenyl)-78-pyrrolo[2,3-d)pyrimidin-7-yl)eyelobaxyl}- (CA INDEX NAME)
Jalative stereochamistry.

N) 692781-89-7 CAPLOS CN Urea, N-[dis-6-[4-anizo-5-[3-[phenylmethoxy)phenyl]-78-pyxrolo[2,3-d]pyximidsn-7-yl]oyolobaxyl]-N'-ethyl- (CA INDEX NAME) Velative stereochemistry.

15 ANSWER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continue-

120 02781-01-2 CAPADS
CN Cres, N-[cis-4-[4-anino-5-[3-[phenylnethoxy]phenyl]-TH-pyrrolo[2,3-d]pyrindim-7-yl]cyclobexyl]-N'-boxyl- (CN INDEX NUME)
No. of concentration of the con

Relative stereochemistry

LS AMEMER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continued)

2N 692781-89-8 CAPLUS CM Urea, N-|cis-4-(4-anizo-5-[3-[phenylnethoxy)phenyl]-7H-pyrrolo[2,3-d]pyramids-7-yllgelobaxyl]-N*-(1-nethylethyl)- (CA INDEX NAME)
Zelative stereochenistry.

IN 692781-90-1 CAPLUS
CN Urea, N-[cir-4-]4-anino-5-[3-[phenylmethoxy)phenyl]-TH-pyrrolo[2, 3-d]pyrinidin-7-yl]cyclohesyl]-N*-propyl- (CA INDEX NAME)

L5 ANSWER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

NN 692781-93-4 CAPLUS
CM Urea, N-|cir-4-|4-amino-5-|3-|phenylmethoxy)phenyl]-7H-pyrrolo[2, 3-d)pyrandisi-7-yl]cyclobexyl]-N'-(phenylmethyl)- (CA INDEX NAME)
Zelative stereochenistry.

381 692781-94-5 CARLES CB Urea, N-[cir-4-[4-mnro-5-[3-(phenylnethoxy)phenyl]-78-pyrroio[2, 3-d)pyrinidin-7-yl]eyolobexyl]-W-[(4-methoxyphenyl)nethyl)- (CA INDEX NAME)

15 ARSMER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued

NN 692781-95-6 CAPLUS
CN Urea, N-[cis-6-[4-anino-5-[3-(phenylmethoxylphenyl]-7B-pyrrolo|2,3-djpyrnahan-7-yl]cyrlobenyl]-N-(1,1-dimethylethyl)- (CA INDEX NAME)
Felative stereochemistry.

NN 692703-96-7 CAPLUS CM Guandine, [cia-4-[4-enino-5-[3-(phenylnethoxy)phenyl]-78-pyrrolo[2,3-d]pyrinidis-7-y1[yc]olohaxyl]- [3C3] (CA INDEX NAME) Relative stereochemistry.

15 ANSWER 6 OF 25 CAPIUS COPYRIGHT 2007 ACS on STM (Continued Relative stereochemistry.

NO 692781-99-0 CAPLUS
CN Crea, N-[cis-4-[4-anino-5-[3-[phenylmethoxy]phenyl]-TH-pyrrolo[2, 3d]pyrindin-7-yl]cyclohexyl]-N'-[3-(4-morpholinyl)propyl)- (CA INDEX
NAME)

Relative stereochemistry.

NB 621783-00-6 CANCUS CR Carbanic seis, [cia-4-(-kanno-5-13-(phesylmethoxy)phesyl]-78-pyzrolo[2,3d[pyzimidis-7-yl]cyclobesyl]-, 2-methoxyethyl ester (9CI) (CA IMBEX NBME) LS AMEMEN 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STRI (Continued)

IN 692781-97-8 CAPLUS
CM Urea, N-[ciz-4-[4-anizo-5-[3-(phenylnethoxy)phenyl]-7H-pyrrolo[2,3-d]pyrunidis-7-y1]cyclobexyl]-N*-[2-[dinethylanizo]ethyl]- (CA INDEX NAME)

20 692781-98-9 CAPLUS CB Urea, N-[cis-4-[4-snino-5-[3-[phenylsethoxy)phenyl]-7B-pyrrolo[2,3-d]pyrindian-7-yl]optlohexyl]-N*-[2-[4-sorpholinyl]-thyl]- (CA INDEX

15 ANSWER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

333 692782-04-0 CAPLUS
CM Cyclobearol, 6-[4-aniso-6-methyl-5-[3-(phenylmethoxy)phenyl]-78-pyrrol(2,3-d)pyrindis-7-yl]-, trans- (CA INDEX NAME)
Solative stereochemistry.

NN 692782-05-1 CMFLUS CN 78-Pyrcio[2,3-d]pyrinidin-4-anise, 6-astbyl-7-[trans-4-[4-nathyl-1paparazay))cyclobayl]-5-[5-[phenylmethoxy)phenyl]- (CN INDEX NAME) Relative stereochemistry.

LS ARSMER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

NN 692782-06-2 CAPLES CN 7E-Tyrrolof2, S-d)pyrinidin-4-anine, 7-[trans-4-(dinethylanino)cyclobexyl)-6-methyl-5-[3-(phenylmethoxylphenyl)- (CA INDEX NAME)

Relative stereochemistry.

RM 692782-07-3 CAPLUS CB 78-fyrrolo(2,3-d)pyrinidin-4-anine, 7-[trans-4-(diethylanino)cyclobexy1]-4-metbyl-5-(3-(bbenylmethoxy)phenyl)- (CA INDEX NAME) Relative stereochemistry.

15 ANSWER 6 OF 25 CAPLUS CUPYRIGHT 2007 ACS on STR (Continued)

NN 692782-10-8 CAPLUS
CN TR-Pyrodo(2,5-d)pyranidin-6-anine,
T-(trans-4-(-asetuiny))syelobasyl)-6methyl-5-[3-(phonylnethoxy)phenyl)- (CA INDEX NAME) Relative stereochemistry.

692762-12-0 CAPLUS 7E-Pyrolo(2,3-4)pyrimidin-4-amine, 7-(trans-4-aminoryrlobexyl)-5-(3-(phenylmethoxy)phenyl)- (CA INDEX NAME) Relative stereochemistry.

LS AMEMEN 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continued)

IN 692782-08-4 CAPLUS CN 7M-Tyrrolo[2,3-d]pyrinidin-4-anine, 6-nethyl-5-[3-(phenylnethoxy)phenyl]-7-[trans-6-(l-pyrrolidinyl)cyclobexyl]- (CA INDEX NAME)

692782-09-5 CAPLUS 7H-Pyrrolo[2,3-d]pyrinidin-4-anims, 6-methyl-7-[trans-4-14-morpholinyl)syclohosyl]-5-[3-[phenylmethoxylphenyl]- (CA INDEX NAME) Relative stereochemistry.

15 ANSWER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



62792-13-19 62782-13-19 62782-13-40 (62782-13-40) (62782-13-19 62782-13-40) (62782-13-

692782-15-3 CAPLES Cathanic acid, [4-4-aniho-5-[3-(phenylnethoxy)phenyl]-78-pyrrolo[2,3-depth.didis-7-yllcycloheryl]-, 1,1-dimethylethyl erter (PC) (CA INDEX

AMSMER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

692792-17-5 CAPLUS Urea, N-[ens-4-H-annno-5-[3-(phenylmethoxy)phenyl]-78-pyxxolo[2,3-d)pyximidin-7-y]cyclobexyl]-87-(2-brosostbyl)- (CA INDEX NAME)

ARREST 6 OF 25 CAPLUS CUPYRIGHT 2007 ACS on STR

The invention relates to new 4-animo-5-phenyl=7-cyclobexyl=pyrrolo[2,3-d]pyrinnine derivs. of formula I [8] = 8, alkyl, halo; 82 = 08, [smbatiwted] animo, beterocyclo, etc.; 83 = alkyl, (smbatiwted) alkyl, GL, CR, alkowy, acyl, etc.; 84 = cycloalkyl-Me, benzyl, furylmethyl, λ3 etc., X = 0, NM, S; n = 0-4], processes for the preparation thereof, the

application

application in a process for the treatment of the human or animal body, the

use thereof - alone or in combination with one or more other

pharmaceutically active compds. - for the treatment of a disease,

possessive compais. - for the treatment of a disease expensally a proliferative disease, such as a tumor disease, a method for the treatment of such diseases in manmals, especially in humans, and the use of such a

compound

- alone or in combination with one or more other pharmaceutically active
compds: - for the preparation of a pharmaceutical composition
(medicament) for the
treatment expecially of a proliferative disease, such as a tumor. Thus,

MM in the mellular "mapture ELISA" test against IGP-I induced IGP-IR THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE ANSMER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

692782-18-6 CAPLUS Uzea, N-[diz-4-[4-anino-5-[3-[phenylmethoxy)phenyl]-78-pyrrolo[2,3-d]pyriminn-7-yl]cyclohexyl]-N*-[3-chloropropyl)- (CA INDEX WARD)

US COPYRIGHT 2007 ACS on STN 2004:182768 CAPLUS 140:229401 Three hybrid assay system for isolating DOCUMENT NUMBER: TITLE: ligand-binding

ments asky system for isolating orphyprides and for similaring ments only ligands Comes, Non H./ Buches, Franky Zhay, Nikolah A./ Beches, Tenny Zhay, Pahl, 228 pp., Cost.-ah-part of U.S. DELEGONO, COMES CONCOLUMN AND PROPERTY OF THE CONTROL INVENTOR(S):

PATENT ASSIGNEE(S):

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COM PATENT INFORMATION: PATENT NO. KIND DATE

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> W1 2002-086677 A2 20020304 DS 2002-234985 ED 2002-202042 MO 2002-0833052 A2 20021015 US 2003-460921P P 20030407 US 2003-531872P P 20031223

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AMENUE 7 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

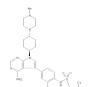
%2432-51-9 CAPLUS Menrezeuvlfonamide, 4-animo-7-oyotopenty1-78-pyrrolo[2,3-d]pyrinidim -y41-2-ohloropheny13- (CA INDEX NAME)

262445-19-1 CAPLUS Benzesewifosanude, N-[4-|4-anino-7-[trans-4-|4-methyl-1-piperarinyl)cycloheay1]-78-pyxrolo[2,3-d]pyxinidin-5-y1]-2-fiworogheny1]-2,4-dichloro- (CA INDEX NAME)

- 15 ANSWER 7 OF 25 CAPLUS CUPYRIGHT 2007 ACS on STN (Continued)
- 668839-04-9 CAPLUS 7E-Pyxroio(2,3-d)pyxinidin-4-anine, 5-(4-phenoxypheny1)-7-[4-(1-pipexidiny1)-cyclobexy1)- (CA INDEX NAME)

- The invention provides compns, and methods for isolating ligand-binding polypeptides for a user-specified ligand, and for isolating small mol. ligands for a user-specified target polypeptide using an improved class
- hybrid ligand compds. Preparation of compds., e.g a methotremate molety d by a polyethylene gycol moiety to dexamethasone, is described.

LS ANSMER 7 OF 25 CAPLUS COPYRIGHT 2007 ACS on STRI (Continued) PAGE 1-A



PAGE 2-A

- 344359-26-8 CAPLOS 7B-Pyrrolo[2,3-d]pyrinidin-4-amine, 7-cyclopentyl-5-[3-methoxyphenyl)-(CA INDEX NAME)
- ION COMPRISED 2007 ACS on STM

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- PATENT ASSIGNEE(S): SOURCE:
- DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:
- PATERT NO. KIND DATE APPLICATION NO DATE US 2003187001 US 6001839 PRIORITY APPLN. INFO.: US 1999-399083 US 1998-42702 US 1998-42702 19990917 19980317 A2 19980317 US 1998-100954P P 19980918
- OTHER SOUNCE(8): MARWAT 139;252260
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- 233743-33-89 262433-03-69 262433-17-09
 262433-25-09 262433-43-19
 ELIST (Deactant); STM (Symthetic preparation); PREP (Preparation); PACT
 (Beactant or reagent)
 (intermediate; preparation of 78-pyrrolo[2,3-d]pyrnidin-4-uniner as protein kinase inhibitors)

ARSMER 8 OF 25 CAPULES COPYRIGHT 2007 ACS on STR (Continued) 213742-21-8 CAPULES COPYRIGHT 2007 ACS on STR (Continued) 78-9yrtolo(2,3-d)pyrindin-4-anime, 7-cyclopantyl-5-(4-phenoxyphenyl)-(CA IEDEX SWEE)

N2433-03-4 CAPAUS 78-Tyrrolo(2,3-d)pyrinidin-4-anime, 5-(4-animo-3-met) Tyrlopenty1- (CA INDEX NAME)

262433-17-0 CAPLUS 7E-Pyrroio(2,3-d)pyrinidin-4-anine, 5-(4-anino-3-chlorophenyl)-7-cyclopentyl- (CA INDEX NAME)

262433-25-0 CAPLUS 78-Pyrrolo(2,3-d)pyrimidin-4-amine, 5-(3-amino-4-methoxyphenyl)-7-

AMBNER 0 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR

PE-Fyrrolo(2,3-d)pyrinidin-4-amine, 5-(4-amino-3-fluorophenyl)-7-yvelomenyl- (CA INDEX NAME)

ERL PEC [Pharmacological activity); NCT (Reactant); SPN (Synthetic preparation); TSN (Therapeutic use); RSO (Biological study); PREP [Preparation); NACT (Reactant or respent); VSSS (Uses) (target compound; preparation of 78-pyrrolo[2,3-d]pyrinidin-4-amines

protein kinese inhibitors) 202431-44-1 CAPUUS 78-Pyrrolo(2,3-04)pyrinidine-6-oarbonitrile, 4-anino-7-oyolopentyl-5-(4-phenoayphenyl)- (CA 1905K NDME)

Page 43

ANSMER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STRN syclopentyl- (CA INDEX NUME)

262433-34-1 CAPLES 78-Pyrrolo[2,3-4]pyrinidin-4-unine, 6-bromo-7-cyclopentyl-5-[4-phenoxyphenyl)- (CA INDEX NUME)

17 NJ-03-53-7 NJ-03-54 Description of respect to the State of the Stat

Manufact 6 of 25 CoMiles CoMPANIES 2007 ACS on FFM (Continues)
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21

ex) (target compound; preparation of 7H-pyrrolo[2,3-d]pyrimidin-4-anines

ANNER 8 OF 25 CAPLIS COPPRIGHT 2007 ACS ON STR protein kinses inhibitors) 21743-94-3 CARCES Benramanifonanida, (4-(-amino-7-yolopentyl-7E-pyrrolo[2,3-d]pyrinidin-5-yl)-2-methoxyphenyl]- (CA INDEX NAME)

202436-04-0 CAPAGE Benrenerulfonanide, -(4-anino-7-cyclopentyl-78-pyrrolo[2,3-d]pyrinidin-5-yl)-2-methoxyphenyl]-4-(trifluoromethyl)- (CA)

ASSIMER S OF 25 CAPLUS COPYRIGHT 2007 ACS on S79

Neuroneswifonanide, (4-anino-7-cyclopentyl-7%-pyrrolo[2,3-d]pyrinidin-5-yl)-2-(trifluoromethyl)phenyl)- (CA INDEX NAME)

282430-09-1 unruno Benzenesulfonanide, (4-anino-7-eyelopentyl-78-pyzzolo[2,3-d]pyzimidin-5-yl)[1,1"-biphenyl]-2-yl]- (CA INDEX NAME)

262430-10-4 CAPLUS 1B-Indole, 5-14-mino-7-cyclopanty1-7B-pyrrolo[2,3-d]pyrinidin-5-y1)-2,3-dibykro-1-(phenylselfonyl)- (9C1) (CA INDEX NAME)

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AMEMER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR

262430-06-8 CAPLUS 2-Pyridinesulfonamide, N-[4-(4-anino-7-cyclopentyl-7 d]pyrinidin-5-yl)-2-methoxyphenyl]- (CA INDEX NAME)

262430-07-9 CAPLUS 3-Pyridimerulfomanide, N-[4-(4-amino-7-cyclopenty1-7M-pyrrolo[2,3-d]pyrinidim-5-y1)-2-methoxypheny1)- (CA INDEX NAME)

ANSWER 0 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

Benzenesulfonamide, (4-amino-7-cyclopentyl=78-pyzrolo(2,3-d)pyzimidin-5-yl)-2-chlorophenyl]-N-methyl- (CA INDEX NAME)

262430-13-7 CAPLUS Benzenezifomanide, -(4-anno-7-sypiopentyl-78-pyrrolo[2,3-d]pyrinid 6-v1)-2-ohlorophenyl]-2-oyano- (CA INDEC NPME)

RN 262430-14-8 CAPLUS

5 AREMER 8 OF 25 CAPIUS COPYRIGHT 2007 ACS on STN 10 Benranesulfonanide, -[4-(4-amino-7-cyclopentyl-78-pyrrolo[2,3-d]pyrinidin-5-yl]-2-chlorophenyl]-3-cyano- (CA INDEK NOME)

262430-17-1 CAPLUS Benzeneswifomanide, i-(4-anino-7-cyclopenty1-78-pyxxolo[2,3-d]pyximidin-

AMSNER 0 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

PN 202430-20-6 CAPLUS
CR Carbante aeid,
[4-(4-animo-7-eyelopentyl=78-pyzrolo[2,3-d]pyzinidin-5-yl)2-methoxyphenyl]-, 3-pyzrolnylnethyl ester, hydrochloride (9CI) (CA

●× NC1

202430-22-7 CARCON CARSON CARS

Page 45

ANSMER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continu 5-y1)-2-chloropheny1]-3-(trifluoromethy1)- (CA INDEX NAME)

SECS-V-13-3 Channe Carbanic acid, -(4-aniso-7-cyclopentyl-78-pyrrolo[2,3-d]pyrimīdis-5-yl)-2-methoxybenyl|-, 2,2-dimethylpropyl astar (SCI) (CA INDEX NAME)

ANSMER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM (Continued) 222430-22-8 CAPLUS
Usea, N=[4-(4-amino-7-cyclopentyl=78-pyrrolo[2,3-d]pyrimidin=5-yl)=2-methoxyphenyl]=N=(phenylmethyl)= (CA INDEX NAME)

NH 262430-23-9 CAPLUS CM Carbanic acid, [4-(4-anion-7-epclopentyl-76-pyrrolo[2,1-d]pyrinidin-5-yl)-2-nethoxyshemyl]-, phemylnethyl ester [901] (CA INDEX HUME)

262430-24-0 CAPLUS Cariamic acid, (-amino-7-cyclopentyl-78-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl)-, phenylmethyl ester (SCI) (CA IRGEX NARE)

AMENUE 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

262430-27-3 CAPLUS Carbanic acid, (4-anino-7-cyclopentyl-7E-pyrrolo[2,3-d]pyrinidin-5-yl)-2-flucrophenyl;-, phenylmethyl exter (9C1) (CA INDEX NAME)

HN 262430-29-5 CAPAUS CN Carbanie acid, [4-(4-anino-7-cyclopentyl-7E-pyrrolo[2,3-d]pyrinidin-5-yl)-2-cyanophenyl)-, phenylmethyl erter (SCI) (CA INDEX NAME)

ANSWER 0 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

262430-31-9 CAPLUS Carbanie acid, 4-anino-7-cyclopentyl-7E-pyrrolo[2,3-d]pyramidan-5-yl)-2-nethylphonyl]-, phonylmethyl exter (PCI) (CA INDEX NAME)

Page 46

ANSWER 0 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continue

262430-33-1 CAPLUS Ben menemethanesulforanide, N=[4-(4-amino-?-cyclopentyl=78-pyrrolo[2,3-d]pyrindin-5-yl)-2-methoxyphenyl]- (CA IRDEX SMRE)

15 ARRMER 8 OF 25 CAPLIS COPYRIGHT 2007 ACS on STR (Continued)
221 262470-35-3 CAPLIS
CN 2-Thiophenecetanide, N-[4-[4-anino-7-cyclopentyl-TH-pyrrolo[2, 3-d]pyrinidin-5-y2)-2-methoxyphenyl] (CA IMBER NAME)

282 262431-65-2 CAPLUS CN 78-Pyrrolo(2,3-d)pyrimidine-6-methanamine, 6-amino-7-cyclopenty1-5-(

PN 262431-69-6 CAPLUS CN Cyclobexanol, 4-[4-anizo-5-(4-phenoxyphenyl)-78-pyrrolo[2,3-d]pyrinidin-7vl]- [CA IMDEX NAME)

15 ANSWER 0 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continue

22 202431-73-2 CAPLUS
CN Benzeneswifonanide,
N=[4-(4-animo-7-cyclopestyl-78-pyzzolo[2,3-d]pyzinidiz

20 262431-74-3 CAPLUS CN 2-Naphthalenesulfomamide, N-[4-(4-amino-7-oyologentyl-78-pyrrolo[2, 3 dlaw indim-5-vyl-2-finaronheroll- (CA NBER NBMR)

98 262431-75-4 CAPLUS CR Benzerswiftonande, R-[4-(4-anino-7-cyclopentyl-7m-pyzrolo|2,3-d)pyzinidin-5-yl-2-floorophenyl-2,4-dichloro- (CA INDEX NAME) LS AMEMEN 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR. | Continued

NN 202431-70-9 CAPLOS NN Benrenerulfonsmide,

PS 262431-71-0 CAPLUS CS Benzenesulfonanide, N-[4-(4-anino-7-ryelopenty]-78-pyrrolo[2,3-d]pyrimidin

RN 262431-72-1 CAPLOS CN Benzeneulfonanide, N-[4-(4-amino-7-cyclopentyl-78-pyrrolo[2,3-d)pyrimidin-

L5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN | Continue

RN 262431-76-5 CAPLUS CN Benzenezulfonanide, N-[4-(4-mino-7-syclopentyl-7K-pyrrolo[2,3-d]pyrimidin-

RN 262431-77-6 CAPLOS CN Benzenzulfonanide, N-[4-(4-anino-7-oyolopentyl-78-pyrrolo[2,3-d]pyrinidin-6-+1)-2-fluorophenyl)-5-brono-2-nethoxy- (CA INDEX NOME)

R8 262431-78-7 CAPLDS C8 BenzenessIfonande, N-[4-(4-amino-7-cyclopentyl-78-pyrrolo[2,3-d]pyrinidin-5-yl)-2-fluorophenyl)-2,4,6-trichloro- (CA IMDEX NAME)

14 ANSWER B OF 25 CAPLES CORVEIGHT 2007 ACS on STR. (Continue

382 262431-79-8 CAPLUS CN Descriptionalide, N-[4-(4-miso-7-cyclopestyl-78-pyrrolo[2,2-d]pyrisidin 5-yl-2-florophesyl]-2-cyano- (CA INDEX NAME)

20 262431-80-1 CAPLUS CN Benrezerulfonanide, N-[4-(4-anino-7-cyclopenty1-78-pyrrolo[2,3-d]pyrinidis 5-y1)-2-fluoroohenv11-2-fluoro- (CA INDEX NAME)

120 262431-81-2 CAPLUS CN Benzenswiftcnamide, N-[4-(4-aniso-7-syclopestyl-78-pyzzolo[2,3-d)pyzimidin 5-yl-3-fluorombewyl-3-mitro- CA INDEX NAME)

L5 ANSIMER 0 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continue

22 202431-85-6 CAPLUS 22 Benrezerulfonanide, 2-[4-4-anino-7-eyelopentyl-78-pyrrolo[2,3-d]pyrinidin-5-wl-1-2-flooropharyl-2-6-diffuoro- (CA 1870) NAME:

323 22431-86-7 CARLUS
Benzemanifosanide,
N-[4-(4-aniso-7-cyclopentyl-78-pyrrolo[2,3-d)pyrimidis-5-yl-2-fluoropenyl)-2-(trifluoroeethoxy)- [CA INDEX NAME]

HN 262431-87-8 CAPLUS CN Benzenesulfonanide, N-[4-(4-animo-7-eyclopentyl-78-pyrrolo[2,3-d]pyrimidinNO.2

NN 262431-82-3 CAPLUS CN Benrenesulfomanide, N-[4-(4-mnno-7-cyclopentyl-70-pyxxolo[2,3-d]pyxinidi:

PN 262431-83-4 CAPLUS CN Henrenewifomanide, N-[4-(4-aniso-7-cyclopentyl-76-pyrrolo[2,3-d]pyrinidi

NN 262431-84-5 CAPLUS CN Benzenezulfomanide, N-[4-[4-animo-7-oyolopentyl-78-pyrrolo[2,3-d]pyrimidiz

NO2 C1

FER 262431-88-9 CAPLUS
CN Benzenezulfomanide,
N-[4-[4-aniso-7-cyclopentyl-78-pyrrolo[2,3-d]pyrimidin-

No. 2 No. 2 No. 2 No. 2

392 262431-89-0 CAPLUS
CS Benrenerulfomanide,
N-[4-(4-animo-7-oyologentyl-78-pyzrolo[2,3-d)pyzimidii
5-yl)-2-fluorophenyl]-2-methyl- (CA INDEX NAME)

No. 25(4):70-3 CAPLAS 28 Benzenesilforanide, No. [4-(4-amiso-7-cyclopentyl-78-pyrrolo[2,3-d]pyrimidin-5-vil-2-fluoroniewyl]-4-(2-chloro-2-swimmhemory)- (CA IND

L5 AMENER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continu

N 262431-91-4 CAPLUS CN Bearensulfocamide, N-[4-(4-anino-7-cyclopenty1-78-pyzrolo[2,3-d]pyzinidin-5-y1)-2-fluoropheny1)-2-chloro-4-fluoro- (CA INDEX NAM.

IN 20431-74-3 CAPLOS

Benresewifoandée,
N-[4-(4-anino-7-cyclopentyl-78-pyrrolo[2,3-d)pyrinidin5-y-])-2-filorophenyl]-3-chloro-4-filoro- (CA INDEX NAME)

301 262431-91-6 CAPLUS

Benrossavifocanada,
N-[4-4-anino-7-cyclopestyl-78-pyzrolo[2,2-d]pyzinidin[5-4]lographervil-5-fiboro-2-methyl- [CA INDEX NAME

15 ANSWER 0 OF 25 CAPLUS COPYRIGHT 2007 ACS on STS (Continued

220 26431-98-1 CAPADS
2 Bearensewlforamide,
8-(4-4-anino-7-cyclopentyl-78-pyzrolo[2,3-d]pyzimidin5-yll-2-fluorophenyll-2-nethyl-5-nitro- (CA INDEX NAME)

320 32432-00-8 CAPLUS
CS Besteresulfocantion
[N=[4-(4-anino-7-eyelopesty]-7M-pyxxolo[2,3-d]pyxinidin5-yil-2-filorophery]-7-mitro-4-(txifiloxoseethy))- (CA INDEX NAME

HN 262432-02-9 CAMLUS CN Benzemesulfonanud, N-[4-(4-amino-7-cyclopentyl-78-pyxrolo[2,3-d]pyximidin 15 ANSMER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM (Continued

PN 262431-94-7 CAPLUTE
CN Benrenewifcommide,
N-[4-(4-mino-7-cyclopentyl-7%-pyrrolo[2,3-d]pyrinidin5-y1)-2-fluorophenyl]-4-brono-2,5-difluoro- (CA INDEX NAME

RN 262431-95-8 CAPLUS CN Benreneralfonanide, N-[4-(4-amino-7-cyclopentyl-78-pyrrolo[2,3-d]pyrinidi

NR 282431-94-9 CAPLUS CB 7-Inoquinolinasulfonantide, N-[4-[4-amino-7-cyclopentyl-78-pycrolo[2,7-d]pycinidin-5-yl)-2-fluorophenyl)-1,2,7,4-tetrahydro-2-ftrifluorosetyl)

5 ANSWER 0 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continue)

RN 282432-02-0 CMPLUS CN 1-Naphthalenewifonamide, N-[4-[4-amino-7-cyclopentyl-78-pyrrolo]2,3-d]pyrinidin-5-y1)-2-fileoropheny1]-5-(dimethylamino)- (CA INDEX NAME)

IN 262432-03-1 CAPLUS CN 1-Naphthalenesulfonanide, N-|4-(4-amino-7-cyclopentyl-78-pygrolo|2,2-d)pyranidin-5-yl)-2-fluorophenyl)-6-(dinethylanino)- (CA INDEX NME)

RN 262432-04-2 CAPLUS CN Benzenesulfonanide. N-[4-(4-animo-7-cyclopenty]-78-pyzzolo[2,3-d]pyzimidin-

LS ANSMER 0 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continue

NM 261432-05-3 CAPLUS
CN Bearenesulfonanide,
N-[4-(4-anino-7-cyclopentyl-7%-pyxxolo[2,3-d]pyxxmidin-

PM N2432-06-4 CAPLES

The members of country and the second of the secon

302 432-07-1 CAPLUS
CN Benressuifocanide,
N-[4-(4-anino-7-cyclopestyl-78-pyyrolo[2,3-d)pyyinidin5-vil-2-fluoromesvil-2.3.4-trifluoro- CA INDEX NAM.

15 AMBNER 0 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM (Continued)

PM 202412-11-1 CAPLUS
CN Benzenesulfonanide,
N-[4-(4-anino-7-syslopentyl-7%-pyxxolo[2,3-d]pyxinidin5-yll-2-fluorophenyl]-3,4-difluoro- (CA INDEX NAME)

NO.472-12-2 CAPLES

Benicarsulfocamaged by 1-78-pyzrolo[2,3-d]pyzimidin5-y11-2-fluorophenyl]-2,5-dichloro-4-(trifluoroesthyl)- (CA INDEX NA

88 292432-13-3 CAPLUS CN Benzenesulfonande, N-[4-(4-animo-7-eyelopentyl-78-pyrrolo[2,3-d]pyramidin15 ANSMER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

EN 262432-08-6 CAPLUS CN Benzemesulfomanide,

IN 262432-09-7 CAPLOS
CN Benzeszulfosamide,
N-[4-(4-aniso-7-optopastyl-78-pyzrolo[2,3-d]pyzimidin-

IN 262432-10-0 CAPUS CN Benzenerulfommide, N-14-(4-mino-7-epolopestyl-78-pyrrolo[2,3-d]pyrimidin-

5 ANSWER 0 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued

ON Bentementicommide,
N=[4-(4-amino-7-cyclopentyl-78-pyrrolo[2,3-d]pyrimidin-5-yl-2-fluoromenyl-4-bromo-2-(trifluoromenthoxy)- (CA IRDEX NAME

RN 262432-15-5 CAPLUS CN Benreneselfomanide, N-14-(4-anne-7-systepentyl-78-pygrolo[2,3-d]pyginidis-

PN 262432-16-6 CAPLUS
CN Bencerosulfonanide,
N=[4-(4-aniso-7-cyclopentyl-78-pyzrolo[2,3-d]pyzimidin-5-yl)-2-fluorophenyl]-4-broso-2-fluoro- (CA INDEX NAME)

NN 262432-17-7 CAPCUS CN Benrenesulfonanide, N-[4-(4-mino-7-cyclopentyl-78-pyrralo[2,3-d]pyrim

DN 202432-18-8 CAPLOS CN Benrenerulfonanide, N-[4-(4-anino-7-syclopenty1-78-pyrrolo[2,3-d]pyrinidin-

922 262432-19-9 CAPLUS C21 Benzessulfocamide, N-[4-(4-aniso-7-sysiopentyl-78-pyxxolo[2,3-d]pyxinidis-

15 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continued

793 262432-23-5 CAPLUS CN [1,1'-Bapheny1]-4-sulfonanide, N-[4-(4-animo-7-oyolopenty1-78-pyxrolo[2,3-

RE 262432-24-6 CAPLUS
CN 1-Naphthalenezulfomanide, N-[4-[4-anino-7-cyclopentyl-78-pyzzolo[2,3

RE 262432-25-T CAPLUS
CN Benzenesulfonanide,
N-[4-(4-amino-7-cyclopentyl-78-pyrrolo[2,3-d]pyrimidin

L5 ANSMER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM (Continued)

PRI 262432-20-2 CAPAUS CRI Benzenesulfowamide, R-[4-(4-amino-7-vyclopentyl-78-pyrrolo[2,3-d]pyrimidin-

IN 262432-22-4 CAPLUS CN Henrenerulfomanide, N-[4-[4-animo-7-cyclopentyl-78-pyrrolo[2,3-d]pyrimidin-

5 ANSMER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN | |Continue

FR 262472-26-8 CAPLUS CR Benzenerulfonanide, R-[4-(4-anino-7-cyclopentyl-78-pyzrolo[2,3-d]pyrimidin-

Denomerationanies, 1-[4-(4-animo-7-cyclopentyl-78-pyrrolo[2,3-d]pyrinidin-5-yl)-2-fluoroshewil-3-chloro-2-methyl- (CA INDEX NAM)

NS 262432-28-0 CAPLUS
CN Benzoic acid, 5-[[[4-(4-amino-7-cyclopentyl-78-pyrrolo[2,3-d])pyrinidin-5

NN 262432-29-1 CAPAUS
CN 8-Quisolinesulfomanide, N-[4-(4-anino-7-cyclopentyl-78-pyrrolo[2,5]

3R 202432-30-4 CAPUS CN Benrenesulfomanide, N-[4-(4-anino-7-syclopentyl-78-pyzzolo[2,3-d]pyzinidin 5-yl]-2-methoxyphenyl]-4-methyl- (CA INDEX NUME)

382 262432-31-3 CAPLUS CN Benrenesulfonanide, N-[4-(4-anino-7-syclopentyl-78-pyzzolo[2,3-d]pyzinidin 5-yl]-3-methozychesyl]-4-nethozy- (CA INDEX NAME.

15 ANSHER 0 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM (Continue

DN Bergesulforanide, N-[4-(4-anino-7-syclopenty.-78-pyrrolo[2,3-d]pyrinidin

322 242-34-0 CAPCUS

Denzenesulfonanide,
N-[4-(4-anino-7-cyclopentyl-7N-pyzzolo|2,3-d]pyzinidin-5-yl)-2-nethosyphenyl)-4-kroso- (CA INDEX NAME)

RE 282432-37-1 CAPLUS
CN Benzenesulfonanide,
N-[4-(4-amino-7-cyclopentyl-78-pyzzolo[2,3-d]pyzimidiz

15. MARKER 8 OF 15. CAPTUS COPPLICATE 2007 ACS on ETRI (Cont. and Cont. and

NN 262432-32-6 CAPLUS
CN Benzenesulfonunide,
N-[4-(4-animo-7-cyclopentyl-78-pyzzolo[2,3-d]pyzinidin

NN 262432-33-7 CAPLUS CN Henrenewifonanide, N-[4-(4-mino-7-cyclopentyl-78-pyrrolo[2,3-d]pyrimidin-

NN 262432-34-8 CAPLUS CN Benzenezulfonanide, N-[4-(4-amino-7-cyclopentyl-78-pyzzolo[2,3-d]pyzimidze

L5 ANSWER 0 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continue

PSR 262432-38-2 CAPLUS
CN 1-Raphthalenewifonamide, N-[4-[4-amino-7-cyclopentyl-7H-pyrrolo]2,3-d]pyrinidin-5-yl)-2-methoxyphenyl]-5-[dimethylamino) (CA INDEX WAME

PR 262432-39-3 CAPLOS

Renzensulfonanide, 4-amino-8-(4-(4-amino-7-syclopentyl-78-pygxolo[2,3-d]pygxnaiin-5-yl)-2-methoxyphenyl)- (CA INDEX NAME)

FN 262432-40-6 CAPLUS CN 1-Maphthalenesulfosamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrindim-5-yl-2-methoxyphenyl]- (CA :MRES NAME)

LS ARSMER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continu

JN 261432-41-7 CAPAUS
CN Benroic acid, 4-[[[4-(4-anino-7-cyclopentyl=7B-pyrroio[2,3-d]pyrimidin-

38 264412-42-8 CAPJUS CN Benrezerulfosanide, N-[4-(4-anino-7-cyclopentyl-78-pyzrolo[2,3-d]pyzinid: 5-yl)-2-chlorophenyl]-4-chloro- (CA INDEX NAME)

IN 262432-43-9 CAPLUS
CN Benrenesulfomamide,
N-[4-(4-animo-7-cyclopentyl-70-pyrrolo[2,3-d]pyrimidin

15 ANSWER 0 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM (Continue

No. 20443-41-3 GRADOS

The Benezies in Frontanide
N-[4-(4-anino-7-cyclopesty1-78-pyrrolo[2,3-d]pyrinidin
N-[4-(4-anino-7-cyclopesty1-2-fluoro173 NNRW NAME)

32 262432-48-4 CAPLUS CD Benzenswiftonanide, N-(4-(4-anino-7-cyclopentyl-78-pyzzolo[2,3-d]pyzinidis 5-yl-2-ohlorosheyyl-2-fluoro- (CA TRUEX NAME)

RE 262432-50-8 CAPLUS CN Benzenessifonanide, N-[4-(4-aniso-7-cyclopentyl-78-pyzrolo[2,3-d]pyzimidiz 5-yll-2-fingraphenyll- (CA 1906K 8888) LS AREMEN & OF 25 CAPIDS COPTRIGHT 200

NN 262432-44-0 CAPLUS CN Benrensulfonanide, N-[4-(4-amino-7-cyclopentyl-75-pyzzolo[2,3-d]pyzinidir

NR 2624[2-45-1 CAPLES CR Bestands, 4-[[[4-(4-mino-7-eyelopestyl-78-pyrrolo[2,2-d]pyrinidis-5-yl)-5-methoxyphesyl]antro]sulfonyll-8,R-dimethyl- (CA INDIX INDIX)

RN 262432-46-2 CAPLUS CN Benzenezulfonanide, N-[4-(4-amino-7-cyclopentyl-78-pyzrolo[2,3-d]pyzinid:

L5 ANSWER 0 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Contin



F81 2E2412-51-9 CAPLUS CR1 Benzeresulfonanide, N-[4-(4-anino-7-eyelopentyl-78-pyzzolo[2,3-d]pyzinidin-5-yl)-2-ehlorophenyl]- (CA INDEX WMED)



NN 262432-52-0 CAPLUS
CR Benresulfonanide,
N-[4-(4-amino-7-cyclopentyl-78-pyzzolo[2,3-d]pyzinidin-5-yl)-3-eschylphonyl]- (CA INDEX NUME)

15 AMEMIER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

262432-53-1 CAPLUS Benzenesulfocamide, (4-amino-7-eyelopenty1-78-pyzzolo[2,3-d]pyzimidin-5-yl1-2-mitrophenyl]- (CA INDEX NAME)

122 262432-54-2 CAPLUS CR Benrenerulfomanide, 4-[4-annno-1-eyclopenty1-7H-pyrrolo[2,3-d]pyrinidin-5-y1]-8-pybeny1- (CA INDEX NAME)

AMEMER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continued)

262432-55-3 CAPLOS Remonos acud, animo-7-cyclopentyl-78-pyrrolo[2,3-d]pyrimidin-5-yl)-2-[[pbenylsulforpllamino] (CA 18055 NAME)

PN 262432-56-4 CAPLOS CR Benzenesulfoxanide, N-[4-(4-anino-7-cyclopentyl-7m-pyrrolo[2,3-d]pyrinidin-5-yl)-2-(1,1-dimethyletbyl)phemyl- (CA INDEX NOME)

AMSNER 0 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

262432-57-5 CAFLOS Benzanide, 5-(4-anizo-7-cyclopentyl-78-pyrrolo[2,3-d]pyrinidin-5-yl)-2-[phezylsulfosyl)anizo]- (CA INDEX NUME)

262432-59-6 CAPL/S
Denroks acid,
-aniso-7-epidpentyl-7H-pyrrolo[2,3-d]pyrinidin-5-yl)-2[[phenylsulfonyl)aniso]-, methyl ester (CA IMDEX NAME)

929 262432-59-7 CAPLUS

Page 54

ANSMER 0 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN Benrenewilfomanide, -(4-amino-7-cyclopentyl-78-pyzrolo[2,3-d]pyzimidin-5-yl)-2,6-difluorephenyl]- (CA INDEX NAME)

FN 262432-61-1 CAPLUS
CR Benzenesulfonanide,
N-[4-(4-amino-7-cyclopentyl-78-pyzrolo[2,3-d]pyzimidin-5-yl]-3-methoxyphemyl]- (CA INDEX NAME)

15 AREMER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continued

RE 262432-62-2 CAPLO

CN Benremesulfonanide, N=[4-(4-anino-7-syslopenty]-78-pyrrolo[2,3-d]pyrinidin-[3-d]pyrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolopenty|-78-pyrrolop

NN 262432-63-3 CAPLI CN Benzenesulfonanide

N=[4-(4-anino-7-eyelopentyl-76-pyzzolo[2,3-d]pyzinidin-5-y1)-2-fluorophenyl]-3-cyano-2,4-bis(2,2,2-trifluoroethoxy)- (CA INDE NAME)

15 ANSWER 0 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM (Continued

222 NG2432-48-8 CAPLUS CN Benzementhanezulfonanide, N-[4-(4-anino-7-cyclopentyl-78-pyzrolo[2,1 d)pyzmadm-5-yl)-2-fluorophenyl]-3,4-dichloro- (CA INDEX NUME)

PN 2432-69-9 CAPL/NS CN Benzesenskhansaulforamide, N-[4-[4-amino-7-cyclopentyl-78-pyzrolo[2,3-d]pyznuisin-5-qyl-2-floorophenyl]-4-flooro- (CA INDEX NAME)

CN 18-Indatale-d-swiftonanide, N-[4-[4-amino-7-syclopenty1-78-pyrrolo[2, 3 d]pyrinidin-5-yl)-2-fluorophenyl]-1-methyl- (CA INDEX NAME)

- L5 ANSMER 6 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continued)
- EN 262432-65-5 CAPLOS
 CN 2,1,3-Benothiadiarole-4-sulfopanide, N-[4-[4-anipo-7-cyclopentyl-7H-pyrrole[2,3-d]pyrinidim-5-yl)-2-fleorophenyl]-7-methyl- (CA INDEX NAME)

NN 262432-66-6 CAPLUS CM 2-Thiopheneoriboxylic acid, 3-[[4-(4-minc-7-cyclopentyl-7H-pyrrolo]2,3 d]pyrinidin-5-yl)-2-fluorophenyl]anino]sulfonyl]-, methyl ester (CA NNDEX

2N 262432-67-7 CAPLUS CH Benzensesthansewifonanide, N-[4-[4-anino-7-cyclopenty1-7E-pyrrolo[2,3-d]pyrinidin-5-yl]-2-flooropkenyl]-3-(trifluorosethyl)- (CA INDEX NAME)

L5 ANSWER 0 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN | | Continued



CN 18-Pyrazole-4-sulfonanide, N-[4-[4-amino-7-cyclopentyl-78-pyrrolo[2,3-dlow/inidin-5-w]], 2-flooropharyll-5-phloropharyll-5-

FR 262432-72-4 CAPLUS
CM 4-Isomanolavifonanide, N-[4-(4-anino-7-cyclopentyl-7H-pyrrolo]2,3-djpyrnidin-3-yl)-2-fiworophenyl]-3,5-dimethyl- (CA INDEX NAME)

388 282422-73-5 CARLUS 31B-Pyrrole-2-sulfonande, N-[4-(4-anino-7-cyclopentyl-78-pyrrole[2, 3-d]pyrinidin-6-yll-2-florophenyl]-1-[3-chloro-5-(trifluoronethyl)-2-pyridayl]- (62 BOKK NOME)

LS AMEMER 8 OF 25 CAPLIES COPYRIGHT 2007 ACS on STN (Continue

22 262432-74-6 CAPLUS CN Inidato[a, 3-b]thiasole-5-sulfomanide, N-[4-[4-anino-7-symlopentyl-TB-nvrrole[3, 3-d]thiasole-5-sulfomanide, N-[4-4-anino-7-symlopentyl-TB-nvrrole[3, 3-d]thiavinidin-5-w]1-2-fluoroshewil-4-shloro- (CA NNEX NNM

22 262432-75-7 CAPUS CN 2-Thiophenesulfonanide, N-[4-[4-anino-7-cyclopentyl-78-pyrrolo]2, disyrinidin-5-yl)-2-fluorosbenyl]-4,5-dibrono- (CA INDEX NAME)

30 262432-76-0 CAPLUS CN 2-Thiophenesulfomanide, N-[4-[4-anino-7-cyclopentyl-78-pyrrolo[2, 3-d]pyrinidia-5-yl)-2-fluorophenyl]-5-(2-pyridinyl)- (CA INDEX NAME)

15 ANNUA 0 OF 25 CAPLIS COPYRIGHT 2007 ACS on STR (Continued

3N 262432-80-4 CAPLUS
CN 3-Thiopheseuifonanide, N-[4-[4-anino-7-cyclopentyl-78-pyrrolo]2, 3-dbyrindin-3-vl)-2-fluoroobenvil-4-brono-2.5-dichloro- (CA INDEX NAM)

302 432-81-3 CAPLUS CN 1E-Initiazole-awlfonanide, N-[4-[4-anizo-7-cyclopentyl-7E-pyrrolo[2, 3 d]pyrinidin-5-yl)-2-fluorophenyl]-1,2-dimethyl- (CA INDEX NAME)

J23 262432-62-6 CAPLUS CD 2-Thiophemerulfonemide, N-[4-[4-amino-7-cyclopentyl-78-pyrrolo]2,3-d[pyrmidis-5-yl)-2-fluorophemyl]-3-brono-5-chloro- (CA IMDEX NAME) Co.

38 26242-77-9 CAPLES CR 2-Thiopheneral foundide, N-[4-(4-aniso-7-cyclopentyl-7H-pyrrolo]2, 3-dpprintds-5-yl-2-fisorophenyl-5-(2-methyl-4-thiosolyl)- (CA INDEX

IN 262432-78-0 CAPLUS
CN 2-Thiophenesulfomamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo]2,3-

NN 262432-79-1 CAPLUS CN 2-Thiophenesulfonamide, N-[4-(4-amino-7-cyclopentyl-78-pyrrolo[2,3-

5 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continued

RM 262432-83-7 CAPLDS 22 2-Thiophene sulfomenide, N-[4-(4-anino-7-cyclopentyl-78-pyrrolo[2, 3-djpyrinidin-5-yl)-2-fleorophenyl]-4-(phenylsulfonyl)- (CA INDEX NAME)

8 262472-84-8 CMAUS 3-Thiophenearboxylic acid, 5-[[[4-(4-anino-7-cyclopentyl-TH-pyrrolo[2, 3-d]pyrinidin-5-yl)-2-fluorophenyl]anino]sulfonyl]-4-methoxy-, methyl ester (CA INDEX ROME)

E3 262432-85-9 CAPLUS
C3 3-Thiophenesulfonanide, N-[4-(4-anino-7-cyclopentyl-78-pyrrolo]2,3-djpyrimidin-5-yl-2-floorophenyl]-2,5-dichloro- [CA INDEX NAME]

PN 262432-86-0 CAPLUS
CN 2-Thiophenesulfocanude, N-[4-(4-anino-7-cyclopentyl-78-pyrrolo[2,3-dipercivitin-Anily-2-floorophenesi-5-(shann)-2-floorophe

38 26442-87-1 CAPUNS 2-Thiophemeufichmanide, N-[4-[4-anino-7-cyclopentyl-78-pyrrolo[2, 3-d]pyrinidin-5-yl)-2-floorophenyl]-5-[1-nethyl-1-(trifluoromethyl)-1:pyrand-5-yl)- (CA INDEX NUME)

382 24212-86-2 CAPUTS
2-Thiopheseurifonanide, N-[4-[4-anino-7-cyclopentyl-78-pyrrolo]2, 3-d]pyrinudin-5-yl)-2-fluorophenyl]-5-[1-nethyl-5-[trifluoromethyl)-18-pyrand-7-wll-1-CA 19BER 1988)

15 ANSWER 0 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continued

202 212422-92-8 CAPLUS CN 2,1,3-Seniothiadiarole-4-sulfomanide, N-[4-[4-anino-7-cyclopentyl-78-pyrrolo[2,3-4]pyrinddin-5-yl)-2-fluorophenyl]- (CA INDEX NAME)

201 22432-93-9 CAPLUS CN 2,1,3-3-8m:constitute-4-sulfomanide, N-[4-[4-anino-7-syclopentyl-78 syxxolo[2,3-d)pyxmidis-5-yl)-2-fluorophenyl)- (CA NDEK NDME)

RN 262432-94-0 CARLUS CN 3-Pyridizerulfonanide, N-[4-(4-anino-7-oyolopentyl-78-pyrrolo[2,3-d]pyridizerulfonanide, N-[4-(4-anino-7-oyolopentyl-78-pyrrolo[2,3-d]pyridizerulfonanide, N-[4-(4-anino-7-oyolopentyl-78-pyrrolo[2,3-d]pyridizerulfonanide, N-[4-(4-anino-7-oyolopentyl-78-pyrrolo[2,3-d]pyridizerulfonanide, N-[4-(4-anino-7-oyolopentyl-78-pyrrolo[2,3-d]pyridizerulfonanide, N-[4-(4-anino-7-oyolopentyl-78-pyrrolo[2,3-d]pyridizerulfonanide, N-[4-(4-anino-7-oyolopentyl-78-pyrrolo[2,3-d]pyridizerulfonanide, N-[4-(4-anino-7-oyolopentyl-78-pyrrolo[2,3-d]pyridizerulfonanide, N-[4-(4-anino-7-oyolopentyl-78-pyrrolopent LS NORMAL & OF 25 COSTULIED CONTRACT COST ACC ON THE CONT.

NN 262432-69-3 CAPLUS CN Bentantids, N-[[5-[[4-(4-amino-7-cyclopentyl-78-pyxxolo[2,3-d]pyxinidin-5-

NN 262432-90-6 CAPLNS
CN 2-Thiophene wifcomnide, N-[4-[4-anino-7-cyclopentyl-7H-pyrrolo]2, 3-d)pyrinidin-5-yl)-2-fluorophenyl]-5-[2-inethylthio)-4-pyrinidinyl]-(CA-NEMEX NUMB)

RN 262432-91-7 CAPLUS CR 3-Pyridinerulfonanide, N-[4-(4-anino-7-cyclopentyl-7H-pyrrolo[2,3-dlugraphyl-7H-pyrrolo[2,3-dlugraphyl-3-hypen-6-rhloro- (CR NNEX NAM)

15 ANSWER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continu

RN 262432-95-1 CAPLUS CR 2,1,3-Rencoxadiarole-4-sulfomanide, N-[4-[4-anino-7-cyclopentyl-7R-pyrrolo[2,3-d]pyrinidis-5-yl)-2-fluorophenyl]-7-chloro- (CA INDEX NAME)

NN 262432-96-2 CAPLUS
CN 2-Thiophenesulfonamide, N-[4-[4-amino-7-cyclopentyl-7H-pyrrolo]2,7-

RN 262432-97-3 CAPLOS
CN 2-Thiophenesulfosanide, N-[4-[4-anino-7-cyclopentyl-78-pyrrolo]2, 3-d]pyrindim-5-yl)-2-fluorophenyl]-4,5-dichloro- (CA INDEX NAME)

ARSMER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

262432-98-4 CAPATS
2;4,3-Senrothiadizole-4-sulforanide, N-[4-(4-anino-7-cyclopentyl-7H-pyrnolo[2,3-d]pyrindin-3-yl)-2-fluorophenyl1-5-nethyl- (CA_RNEEX_NAME)

262432-99-5 CAPLUS
2,1,2-Zenrothandiarole-4-mulfonanide, N-[4-[4-anino-7-cyclopentyl-7B-pyrnol(2,3-d)pyrinidin-5-yl)-2-fluorophenyl]-5-chloro- (CA INDEX NAME)

202433-00-1 CAPLUS Benzezenethanesulfonanide, N-[4-(4-anino-7-cyclopentyl-78-pyzrolo[2,3-d]pyzinidis-5-yl-2-fluorophenyl]-2-mitro- (CA INDEX NAME)

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AMEMER 8 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN | | Continued

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L5 ANSWER 9 OF 25 CAPLUS
ACCESSION NUMBER: 200
DOCUMENT NUMBER: 139
TITLE: Pre

LIS COPYSIGNT 2007 ACS on STM
2003:637320 CAPLUS
139:180075
Propharation of pyrrolopyrimidines as tyrosine kinase
Riesy, Gavio, C. Calderwood, Zavidy Munechause,
Rainer, Armold, Lee D.; Johnston, David K.; Rafferty,
Pal INVENTOR(5):

Paul Abbott GmbH & Co. KG, USA U.S. Pat. Appl. Publ., 166 pp., Cont.-in-part of PATENT ASSIGNEE(S):

SOURCE: Appl. No. PCT/US99/21560 CODEN: USXXCO Patent English 2

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NEW. COUNT: PATENT INFORMATION:

	PATERT NO.					KIND DATE				APPLICATION NO.						DATE		
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LS AMENUR 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM

NN 262442-06-8 CAPARS CN 78-Tyrrolo[2,3-e]pyrinidin-4-amine, 5-(2-methyl-4-phenoxyphenyl)-7-[trans-4-(4-methyl-1-phperarinyl)cyclobexyl]- (CA INDEX NUME)

PN 262443-85-6 CAPLUS CN 1;2-Ethanedianine, N-[trans-4-(4-anino-5-(4-phenoxyphenyl)-7%-pyrrolo[2,3-d[pyrinidin-1-yl]pyrlobesyl]-N,N',N'-trinethyl- (9C1) (CA INDEX NAME) Relative stereochemistry.

ASSNER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

262444-27-9 CAPLUS
1-Piperanimecarboxylic acid, 4-[cis-4-[4-aniso-5-[4-phenoxypheny1]-78-pyrrolo[1,3-d]pyrinidin-7-yl]cyclohexyl]-, 1,1-dinethylethyl ester (CA

Relative stereochemistry

262444-28-0 CAPL/S 1-Piperarisecarboxylic acid, 4-[trans-4-[4-anino-5-[4-phenoxyphenyl]-78-pyrrolo[3,3-d]pyrimidin-7-yl]cyclobaxyl]-, 1,1-dimethylethyl cater (CA ENDIX NUMI)

Relative stereochemistry

15 ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

262444-23-5 CAPLUS L-Valime, 3-[4-mnimo-5-(4-phenoxyphenyl)-7E-pyxrole[2,3-d]pyrimidin-7-yl]cyclopentyl ester (CA IMBEX NAME)

2#244-24-6 CAPLUS Carbanic acid, [2-(4-morpholiny1)ethy1)-, 3-[4-amino-5-(4-phenoxypheny1) 7B-pyxrolo[2,3-d]pyximidin-7-y1]cyclopenty1 ester (9C1) (CA INDEX NAME)

ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

ISS 262444-34-6 CAPLOS
CH Glycine, N+[i,1,-dimethylethoxy)carbonyl]-,
3-[4-anino-5-4-sphenoxyleberyl)78-pyxrolo[2,3-d]pyxinidin-7-yl]cyclopentyl ester (CA INDEX NAME)

17 SGL148-0-P SGL144-0-P SGL144-0-P
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15 AMSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued

382 262444-50-8 CATAUS
CB Cyclobearaone, 4-[4-anino-5-(4-anino-3-nethoxyphenyl)-78-pyrrolo[2,

722 202444-51-9 CAPLUS CB Benzemegropanamide, N-[4-[4-anino-7-(4-oxonyelohexyl)-78-pyzrolo[2,3-d]pyznalin-5-yl]-2-methoxyphenyl]- (CA INDEX NAME)

15 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued

30 364355-30-6 CANC/US
CS Cyclobraneoxibouylic acid, 1-anino-4-[4-anino-5-(4-phenoxyphenyl)-7/pyriol(3-3-d)pyrandin-7-yl)-, cis- (CA INDEX NOME)
Zelative stereochemistry.

28) 244255-31-7 CAPLUS CN Opelobexarecutoxylls sold, 1-amino-4-(4-amino-5-(4-phonoxyphonyl)-78 pyriolo[2,3-d]pyrimdin-7-yl]-, methyl exter, cir. (CA INDEX NOWE) Valative storeochemistry. HN 344354-N-1 CAPLUS CN Cyclobeaneacetaldelyde, 4-[4-anino-5-(4-phenoxyphenyl)-78-pyrrolo]2,2-djpyrnudin-7-yl)- (CA INGEX NAME)

IN 364354-50-7 CAPLUS CN Cyclobezarsethanol, 4-[4-anino-5-(4-phenoxyphenyl)-7E-pyrrolo[2,3-d]pyrindin-7-yl]-, methansemifonate (exter) (PCI) (CA INDEX NAME)

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN | |Continued

FM 364355-36-2 CAPLUS CN Cyclobesanecarbooxitrile, 1-animo-4-[4-animo-5-(4-phenoxypheny1)-7R-pyrroio[2,3-d]pyrindim-7-y1]- (CA IMMEX NOME)

EN 364355-42-0 CAPLUS CN Cyclobeasone, 4-[4-anino-5-[4-(phenylmethoxy)phenyl]-7H-pyrrolo[2, 3-d]pyranidin-7-yl]- (CA INDEX NUME)

REMMER 9 OF 25 CAPUIS COPYRIGHT 2007 ACS om STN (Continued) 36435-99-7 CAPUIS Cyclobexanose, 4-[4-amino-3-(4-amino-3-chlorophenyl)-78-pyrrolo[2,3-d)pyrinxdin-7-yl]- (CA INDEX NAME)

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ASSINGE 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM

262442-90-0 CAMANS
Benzemerulforanzie, N-[4-[4-anino-7-[trans-4-[4-methyl-]-paperarnyl)cyclohexyl]-78-pyzrolo[2,3-d]pyzinidin-5-yl]-2-fluorophenyl]-2,3-dichloro- (CA NNEX NME)

Relative stereochemistry.

Absolute stereochemistry.

262442-56-8 CAPLUS
78-Pyrrolo[2,3-d]pyrinidin-4-amine, 7-[trans-4-[138)-3-(dinethylamino)-1-pyrrolidinyl]cyrlobexyl]-5-(4-phenoxyphenyl)- (CA IREEX NAME)

1.5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

IN 364333-91-3 CAPLUS
CM Benronitrile,
5-[4-anino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-7gpyrrolo[2,3-d]pyrinidin-5-yl]-2-pheroxy-, diacetate (PCI) (CA INI
NAME)

CN 3 CMN 364353-90-2 CMF C30 H33 N7 O

Relative stereochemistry

364353-94-6 CAPLUS Benzamide, 5-[4-amino-7-[trans-4-(4-methyl-1-paperazinyl)oyolohexyl]-78-

15 AREMER 9 OF 25 CAPLIS COPYRIGHT 2007 ACS on STN (Continued) pyrrolo(2,3-d)pyramidin-5-y1]-2-phenoxy- (CA INDEX NAME)

22 34433-N-8 CARLES CH 7E-Fyrnolo(2,7-d]pyrinidin-4-mnine, 5-(3-methoxy-4-phenoxypheny1)-7-(trans-4-(4-methyl-1-phenariny1)-pycloheny1)-, diacetate (9CI) (CA INDEX NAME) CM 1

CRES 364353-95-7 CRES CTG RTG NG CR

ANSMER 9 OF 25 CAPLES COPYRIGHT 2007 ACS on STN (Continued)

CN 2

364354-00-7 CAPLUS Phenol, 5-[4-anino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohenyl]-78-pyrrolo[2,3-d]pyrinidin-5-yl]-2-phenony- (CA INDEX NAME) Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM (Continued)

P20 364354-01-8 CAPLUS
CD 78-Pyrrolo(2,3-d)pyrinidin-4-amine,
5-(3-chloro-4-phenoxyphenyl)-7-(trans4-(4-nethyl-1-piperatinyl)oyolobesyl)- (CA INDEX NAME) Relative stereochemistry.

NS 24434-65-2 CAPURS CR 7E-Pyrrelo(2,2-d]pyrinidin-4-anime, 5-[3-fluoro-4-phemoxyphenyl)-7-(trans-4-(4-methyl-1-piperarinyl)-cyclobuxyl]-, diacetate (PCI) (CA INDEX NAME)

CN 1 C989 364354-04-1 Page 62

ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) CMF C29 HIJ F NG O Relative stereochemistry

CN 2

IN 364354-08-5 CAPLUS
CR 7M-Pyrrolo[2,3-d]pyrinidin-4-anine,
5-(3-nethyl-4-phenoxyphenyl)-7-[trans-4-(4-nethyl-1-piperazinyl)-yyelobexyl]- (CA INDEX NUME)

Relative stereochemistry.

15 ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

364354-14-3 CAPLUS
7R-Tyrrolo(2,3-d)pyramidin-4-amine, 7-[trang-4-[4-methyl-1-paperannyl)cyclobszyl]-5-(3-mitro-4-phenoxyphenyl)-, momoacetate (SCI) (CA NEXEX NUME) CM 1

CMM 364354-13-2 CMM C29 M33 N7 O3 Relative stereochemistry.

AMSNER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on SYN

38 364354-19-8 CAPLUS CH Acetanide, N=[3-(4-maino-7-[trans-4-(6-methyl-1-piperaxinyl)cyclobexyl]-TH-pyrrolo[2,7-4]pyrinidis-5-yl]-2-phenoxyphenyl]-, monoacetate (9CI) (CA IDDEX WORLD

CM 1 CR21 364354-18-7 CMF C31 R37 N7 G2

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15 ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

NN 364354-16-5 CAPLUS CR 78-Tyrrolo[2,3-d]pyrinidin-4-anise, 5-[3-aniso-4-phenoxyphenyl)-7-[trans-4-(4-methyl-1-piperaznyl)cyclobexyl]- (CA INDEX NUME)

RN 364354-17-6 CAPLOS
CN 7N-Pyrrolo[2].3-djpyrimidin-4-anine,
5-[3-dimethylamino]-4-phenoxyphenyl]7-[trans-4-(4-methyl-1-piperazinyl)-yolohexyl]- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) CMM 64-19-7 CMF C2 H4 G2

NB 364354-21-2 CAPLUS
CH Bensaldehyde,
5-[4-anino-7-[1ran-6-(4-methyl-1-piperasinyl) eyelobexyl]-7Epyrrolo[2,3-d]pyr imidin-5-yl]-2-phenoxy-, (22)-2-butenedicate (1:2) (CA
IMDEX MODE)

Relative stereochemistry.

CRN 110-16-7 CMF C4 N4 O4

15 NAMMER 9 OF 25 CAPPLIS COPPRIGHT 2007 ACS on STN (Continued)
251 Set34-2--7 CAPPLIS COPPRIGHT 2007 ACS on STN (Continued)
251 Set34-2-2-7 CAPPLIS C

CM 1 CRS 364354-20-1 CMF C30 E34 NN G2

364354-27-8 CAPLUS Cyclobeansearetanide, 4-[4-anino-5-[4-phenoxyphenyl]-7E-pyrrolo[2,3-d]pyrindin-7-yl]-1-hydroxy-, trans- (CA INDEX NAME) Relative stereochemistry.

15 AMBNER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

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364354-36-9 CAPLUS
72-lyxrolo[2,3-d]pyrinidin-4-anine, 7-[4-[2-[4-methyl=1-mineratiny]ethyl]pyrloloxyl[-5-(4-mhenoxyphenyl)- (CA INDEX NUME)

364354-39-2 CAPLUS 7E-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-|4-|2-(4-morpholiny1)ethy1]cyclobaxy1]-5-(4-phemoxypheny1)

AMEMBER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continued)

364354-28-9 CAPLES Cyclobeanemethamol, 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrindins-7+1]-1-hydroxy-, trans- (CA INDEX NAME)

364354-32-5 CAPLUS
78-Pyzzolo[2,3-d]pyzimadin-4-anime, 5-[4-(2-bencomacolylamino)-3-fluorophmyl]-7-[cis-4-(4-methyl-1-piperazinyl)cyclohexyl]- (CA INDEX NUME)

Relative stereochemistry.

ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

3E4354-40-5 CAPLUS Cyclohexaneacetanide, 4-[4-amino-5-[4-phenoxypheny1)-7E-pyrrolo[2,3-d]pyrinidin-7-y1]-R-methy1- (CA INDEX NAME)

EN 364354-41-6 CAPLUS
CN 78-Pyrrolo[2,3-d]pyrumdum-4-anime,
7-[4-[2-(dimethylamino)ethyl]cyclobexy
1]-5-[4-phenoxyphenyl)- (CA INDEX NAME)

364354-42-7 CAPLES 1,2-Ethanediamine, N-[2-[4-[4-amino-5-(4-phenoxypheny1)-78-pyrrolo]2,3-

AREMER 9 OF 25 CAPLES COPPRIGHT 2007 ACS on STN (Continued) djpyramidam-7-yl]cyclobexyl]ethyl]-N,N',N'-tramethyl- (9C1) (CA INDEX

AMSNER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

344334-48-3 CAPLUS 78-Pyrzolo[2,3-d]pyrinidin-4-anime, 7-[4-[2-(1E-inidar yllethyllyglobexyl]-5-[4-phenoxyphenyl]- (CA INDEX N

364354-51-8 CAPLUS Cyclopropanecarboxamide, N-[4-[4-animo-7-[tranz-4-(4-methyl-1piperazizyl) cyclohexyl]-7E-pyzrolo[2,3-d]pyzinidin-5-yl]-2-methoxyphenyl]-2-phenyl- (CA 1988K WAME)

Relative stereochemistry.

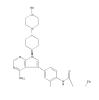
$$\begin{array}{c} \text{GPh} \\ \\ \text{H}_{2N} \\ \\ \text{T}_{2N} \\ \\ \text{C} \\ \text{C}$$

364354-45-0 CAPLUS 7B-Pyrrolo[2,3-d]pyrinidin-4-anime, 7-[4-[2-[3-(1B-inidzol-1-yl)propyl]animo[ethyl]cyclobexyl]-5-(4-phemoxyphenyl)- (CA INDEX NAME

364354-46-1 CAPLUS 4-Piperidinol, 1-[2-[4-[4-anino-5-(4-phenoxypheny1)-7H-pyrrolo[2,3-d]pyrindin-7-yl]cyclohexyl]ethyl]- (CA INDEX NUME)

364354-47-2 CAPLES 7M-Pyrolo[2,3-d]pyrimidin-4-amime, 7-[4-[2-(hexahydro-4-methyl-1H-1,4-diasepin-1-ylethylcyclobesyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)

ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN



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IN 364354-51-9 CAPLUS
CN Bensande,
[4-[4-anino-7-[trans-4-(4-esthyl-1-piperarinyl)cyclobsyl]-7Npyrcolo[3,7-d]pyranidin-5-yl]-2-esthoxyphenyl]-4-(dinethylanino)INDEX MUNICAL

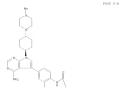
Solative stereochemistry

15 ANSEMER 9 OF 25 CAPINS COPYRIGHT 2007 ACS on STN (Continued)

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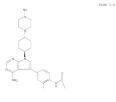
NN 364254-53-0 CAPLOS CR Bestantion, %:[4-(4-manno-7-[trann-4-(6-nethyl-1-piperarinyl)cyclobasyl]-78przeolo[2],7-d]pyrinidin-5-yl]-2-nethosyphesyl]-4-(trifluorosethoxy)- (CA IRDEX MONEY. LS AMEMBER 9 OF 25 CAPLUS COPYRIGHT 2007 MCS on STR (Continued)

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15 AMSNUT 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued



IN 34434-53-2 CAPLUS
CH Crea, N-[4-[4-anino-7-[dix-4-(4-mothyl-1-piperazinyl)gyelobexyl]-78pyrrole[2,7-d)pyrinddix-5-yl]-2-mothoxyphenyl]-N-(phenylmothyl)- (CN INDEX NAME)

Melative stereochemistry

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

Relative stereochemistry. Double bond geometry as shown.

Relative stereochemistry.

15 AREMER 9 OF 25 CAPLES COPYRIGHT 2007 ACS on STN (Continued) 22 S4334-37-4 CAPLES 20 Retresectantic, N=(4-[4-anino-7-]chr-4-[4-anthyl-1-

piperazinyl)cyclohexyl]=7E-pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]iCA INDEX NAME)

DI 364354-59-6 CAPLUS CB Bestanide, N-[4-[4-mino-7-[cis-4-[4-methyl-1-piperarinyl]cyclohexyl]-TBpytrolo[2,3-d]pytinidin-5-yl]-2-methoxyphenyl]-2,5-diffuoro- (CA INDEX BAME).

Relative stereochemistry.

LS AMEMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continued)

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381 344354-00-9 CANLUS CH Bennande, H-[4-[4-anino-7-[4-(4-methyl-1-piperarinyl)cyclobexyl]-7Hpyrrolo[2,3-d]pyrinidin-5-yl]-2-methoxyphenyl]-4-[1,1-dinethylethoxy)-(CA INDEX 19946)

L5 AMBRER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

D3 34434-61-0 CAPCUS

CB Bersanick, N-[4-[4-anino-7-[nis-4-[4-nethyl-1-piperszinyl]oyclobasyl]-TH-pyrrolo[2,3-d]pyrindin-5-yl]-2-nethoxyphenyl]-3-flvoro- (CA INDEX NUME)

Felative stereoblenisty:

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM (Continued)

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GMe

364254-62-1 CAPLES

Benande, N-[4-[4-aniso-?-[cis-4-(4-methyl-1-piperarinyl)cyclohesyl]-?
pyrrolo[2,3-d]pyrinidin-5-yl]-2-methoxyphenyl]-2,5-dinethoxy- (CA INDE
MOME)

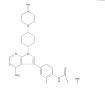
NUME)
tive stereochemistry.

piperazinyl) oyolohexyl]-78-pyrrolo[2,3-d]pyrimidin-5-yl]-2-nethoxyphenyl]-

L5 AREMER 9 OF 25 CAPLIES COPYRIGHT 2007 ACS on STN (Continued (CA INDEX NAME)

PAGS 1-A

384354-64-3 CAPLUS Benrande, N-fe-[d-s-nino-7-[ois-4-(4-nethyl-1-piperarinyl) oyolobexyl]pyzrolo[2,3-d)pyrinidin-5-yl]-2-nethoxyphenyl]-2,6-dinethyl- (CA INDEX MARS) L5 AMEMEN 9 OF 25 CAPLUS CONTRIGHT 2007 ACS on STR (Continued)
PAGE 1-A



PAGE 2-A

NN 364354-65-4 CAPLUS CR Bentanide, N-[4-]4-emino-7-[cis-4-(4-methyl-1-paperarisyl)cyclobesyl)-7Hpyrrolo[2,3-d]pyrinidis-5-yl]-2-methoxyphesyl]-2-chloro-4-fluoro-(CA NROKK 1984)

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM (Continue-

n q1



30 3443-64-5 CATUMS CO 2,1,3-6enoxatiatole-3-carboxamide, N-[4-[4-anino-7-[cix-4-[4-esthyl-1-paperariny]]] oyolobexy]]-78-pyrrolo[2,3-6]pyrinidin-5-yl]-2-nethoxypbenyl]-(GA 10048 NOMS)
Balative strenothen stre. L5 ANSWER 9 OP 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
PAGE 1-A



Nec of Nec 2-A

383 34434-48-7 CANZUS Classification and Company of the Company

LS ARSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continued)

384 354-69-8 CAPLUS (B-18-7yxxn04-4-oxinoxanide, B-[4-[4-anino-7-[cis-4-(4-methyl-1-paperalisyl) epichosyl)-1-paperalisyl (epichosyl)-1-paperalisyl (epichosyl)-1-paperalisyl)-1-paperalisyl (epichosyl)-1-paperalisyl)-1-paperalisyl (epichosyl)-1-paperalisyl)-1-paperalisyl (epichosyl)-1-paperalisyl)-1-paperalisyl (epichosyl)-1-paperalisyl)-1-paperalisyl (epichosyl)-1-paperalisyl)-1-paperalisyl (epichosyl)-1-paperalisyl (epichosyl

L5 ANSMEN 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continued)

PAGE 2-A

38 364354-70-1 CAPLUS CM 78-Fyrrolo(2,3-d)pyrimidin-4-mine, 5-(4-phenoxyphenyl)-7-(cis-4-[\lambda]x)-3-pyrrolidinylaminolyclobasyl]- (CA INDEX NUME)
Absolute stereochemistry.

15 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM (Continued

NN 364354=71-2 CAPU/95
CN 7E-Pyrrolo[2]-3-d[pyrinidin-4-anine, 5-[4-phenoxyphenyl)-7-[cis-4-[(35)-3-pyrrolimylamno]eyelohasyl]- (CA INDEX NMAE)
Absolute sterochemistry.

393 344394-72-3 CAPUTS
CS 4-Paperdimol, 1-[csa-4-[4-animo-5-(4-phenoxypheny1)-78-pyrrolo[2,3-d]pyrimidin-7-y3]cyclobaxy1]- (CA INDEX NAME)
Relative stereophenistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

RN 364354-73-4 CAFLOS
CN 4-Piperidinol, 1-[cis-4-[4-anino-5-[4-phenoxypheny1)-78-pyrrolo[2,3-d]pyrindino-7-yl]eyclohexyl]-, (22)-2-butenedicate (1:2) (sait) (9CI)
(AA
INDEX NAME)

CH 1

CRN 364354-72-3 CMF C29 R33 N5 G2

Relative stereochemistry

CH 2

15 ARMMER 9 OF 25 CAPLIS COPYRIGHT 2007 ACS on STN (Continued)
CRN 110-16-7
CRF C4 R4 O4

Double bond geometry as shown.

NI 34334-74-5 CARLES CM 4-Fiperadimol, l-[trans-4-[4-amino-5-(4-phenoxyphenyl)-78-pyrrolo[2,3-d)pyrindim-[y-3]cyclobexyl]- (CA INDEX NAME)



233 364394-73-2 CARADO CH 4-Diperminod, 1-[trans-4-(4-amino-5-(4-phenoxyphenyl)-78-pyrzolo[2, dipyramino-7-y2]cyclobaryl]-, [22)-2-butenedioate [1:2] (sait) (RCI (CA INDEX NVMS)

INDEX NAME

CMM 364354-74-5 CMM C29 H33 N5 G2

Relative stereochemistry.

15 ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

300 364354-81-4 CAPLUS C2 3-Pyrolidizol, 1-cux-4-[4-anino-5-[4-phenoxypheny1]-7H-pyrrolo[2,3-d)pyranidin-7-y11cyclobexy1]-, (3R)-, (22)-2-brienedicate (1:2) (sait) [9C1] (CA NEGUS NUMC)

CM 1

CMS 364354-80-3 CMS C28 E31 N5 02

CMF C28 E31 N5 O2 Absolute stereochemistry

CRN 110-16-7 CNF C4 84 04

louble bond geometry as shown.

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LS AMEMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CN 2 CRN 110-16-7

Double bond geometry as shown.

NN 364354-80-3 CAPL/NS CR 3-Pyrrolldinol, 1-[cis-4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrindini-7-y]pyrolo[2,3-d]pyrindini-7-y]pyroloexyl]-, (3N)- (CA INDEX NAME) Absolute stereochemistry.

15 ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

FR 364254-65-8 CAPLDS CR 2-Pyrrolidinesethanol, 1-[trans-4-[4-maino-5-(4-phenoxyphenyl)-78-pyrrolo[2,3-d]pyrinidin-7-yl]cyclobexyl]-, (28)- (CA INDEX NAME)



IN 344354-86-9 CAPLOS
CN 2-Pyrrolidinesethanol, 1-[trans-4-[4-aniso-5-(4-phenoxyphenyl)-78-pyrrolo[2,3-d]pyrinidin-7-yl]oyelohesyl]-, (28)-, (28)-2-butenedioate (1x2) (salt) (SCI) (CA INDEX MODE)

CH 1

CRN 364354-85-8 CNF C29 H33 N5 G2 Nasolute stereochemistry

15 ARSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued

CM 2

louble bond geometry as shown.

2020 E

22 364364-96-5 CAPLDS

C2 2-Fyxrolndimenethanol, 1-[trans-4-[4-anino-5-(4-phenoxypheny1)-78-pyrrolo[2,7-d]pyrandam-7-yl]cytobesyl)-, (28)-, (28)-2-butemedicate [112] Isalz) (9C3) CA 3DEX SWBS.

OH 1 CRS 364354-89-2 OHF C29 R33 N5 G2

Absolute stereochemistry.

LS AMEMER 9 OF 25 CAPLES COPYRIGHT 2007 ACS on STR (Continued)

CM 2 CMN 110-16-7 CMF C4 84 04

louble bond geometry as shown

BO2C S

38 364254-94-9 CAPLOS CPClobeanol, 1-(2-animoethyl)-6-[4-animo-5-(4-phenoxyphenyl)-78pyrrolo(2,3-d)pyrinidim-7-yl)-, eis- (CA IRDEX NAME)
Belative stereochmistry.

15 AMSNER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continued



383 364354-95-0 CAPLUS
CM Cyclobeasol, 1-(2-animoethyl)-4-[4-animo-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d)pyramidin-7-yl]-, trans- (CA INDEX 389E)
Relative stereocheristry.



321 364354-97-2 CAPLUS

4-[4-mino-3-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrinidin-7pl]-1-[2-(18-midarol-2-plmethyl)amino]ethyl]-, dis-, discetate [sal: [90]] (OA INDEX MAME)
CM 3

CRR 364354-96-1 CRF CR0 E33 NT 02

Relative stereochemistry.

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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CRS 64-19-7 CRS 64-19-7

BO-C-CH₂

IN 364254-98-3 CAPLUS
CN Cyslohexaneacetic acid, 4-[4-anino-5-[4-phenoxyphenyl)-78-pygrolo[2,3-d]pygrandim-7-yl]-1-hydroxy-, cis- (CA INDEX NAME)

NS 364354-99-4 CAPLOS

ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continued) Cyclobaxamacestamide, 4-(-amino-5-(4-phenoxyphenyl)-7M-pyrrolo[2,3-d]pyrinidin-7-y1]-2-ydyrosy-, cia- (CA INDEX NOME)

364355-00-0 CAPLUS Cyclobexnesetbanol, 6-[4-anino-5-(4-phenoxyphenyl)-78-pyrrolo[2,3-d)pyrindin-7-yl]-1-bydroxy-, ofa- (CA INDIX NAME) Relative stereochemistry.

364355-01-1 CAPLUS Cyclobexamol, 1-(anamonethyl)-4-(4-animo-5-(4-phenoxyphenyl)-78-pyxxolo(2,7-d)pyimidin-7-yl)-, ois- (CA INDEX NAME)

AMSNER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM (Continued)

PR 344355-04-4 CAPLUS CR Cyclobexanol, 4-[4-animo-3-(4-phenoxyphenyl)-78-pyrrolo[2,3-d]pyrinidin-7-yl]-1-([[2-14-morpholinyl)ethyl]amimo]methyl]-, dis- (CA INDEX NAME) Relative stereochemistry.

34475-06-6 CAPL/8 Cyclobesanol, 1-(animomethyl)-4-[4-animo-5-(4-phenoxyphenyl)-78-pyrrol[2,3-d]pyrimidim-7-yl]-, trans-, diacetate (salt) [9CI) (CA INDEX SOUR)

CN 1 CRN 364355-05-5

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AMENUER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STRI

PN 364355-02-2 CAPAUS
CR Cyclobeannol
4-[4-anixo-5-(4-phesoxyphesy1)-78-pyxrolo[2,3-d]pyrinadin-7-y1]-1-[(dimethylanixo)methyl]-, ciz- (CA INDEX NOME)

 $\begin{array}{lll} 364355-03-3 & CAPLUS \\ 1,3-2 & constant \\$ Relative stereochemistry.

ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) CMF C25 E27 N5 O2



Relative stereochemistry

NN 364255-07-7 CAPLUS
CN Oyelohexanol,
4-[4-anino-5-(4-phenoxyphenyl)-7N-pyzrolo[2,3-d]pyzinidin-7yl]-1-[(dimethylanino)methyl]-, trans- (CN INDEX NAME) Relative stereochemistry.

ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

(CA INDEX NAME) Relative stereochemistry.

34435-60-9 CPRUS Cyclobexanol, -anizo-5-(4-phesoxyphenyl)-7B-pyrrolo[2,3-d]pyrinidin-7-yl]-1-[[12-(4-soxpholinyl)ethyl]anizo|nethyl]-, trans-

ASSNER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on S79

enoxyphenyl)-78-pyzzolo[2,3-d]pyzznidzn-7--hydroxyethoxylethyl]anizo]hethyl]- (CA INDEX NAME)

ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR

BN 364355-10-2 CAPLUS
CM Cyclobeannol,
4-[4-anino-5-(4-phenoxypheny1)-78-pyrrolo[2,3-d]pyrinidin-7-y1]-1-[[(2-hydroxyethy1)aninojnethy1]- (CA INDEX HDME)

Cyclomesanol, -anthro-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-[[(3-hydroxypropyl)amimo]nethyl)- (CA INDEX NAME)

ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

303 45153-16-8 CANDOS
CS Cyclobranol,
-[4-sniro-5-(4-phenoxyphenyl)-78-pyrrolo[2,7-d]pyrinidin-7yl]-1-[[2-(disethylanizo)ethyl]anizo]nethyl]- (CA INDEX NONE)

M3 364355-18-0 CAPLUS CB Cyclohexanol, 4-[4-manno-5-(4-phenoxyphenyl)-7B-pyzrolo[2,3-d]pyzimidin-7-yl]-4-[(4-methyl-1-piperazinyl)methyl)- (CA INDEX NAME)

364385-21-5 CAPLUS Cyclobexarol, -anizo-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrinidin yl]-1-([methyl-1-a-ethyl-4-piperidinyl)anizo[methyl]-

34435-29-3 CAPLUS Cyclobearanesthanol, Dissol-4(-4mino)-1(-phenoxyphenyl)-7E-pyrrolo[2,3-d]pyrinidim-7-yl]-, ols-, monosoctate (salt) (901) (CA INDEX NAME) CM 1

CR21 364355-28-2 CREF C25 R27 N5 02

Relative storeophemistry.

364355-24-8 CAPLUS

:yclobexanol, mino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrimidin-7-yl]-1-[[[3-(diethylamino)propyl]amino]methyl]- (CA INDEX NAME)

ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

364355-33-9 CAPLOS 78-Pyrrolo(2,2-d)pyrimidin-4-amine, 7-[eis-4-amino-4-(aminomethyl)pyslohenyl)-5-(4-phenoxyphenyl)-, monoacetate (9CI) (CA INDEX NUME)

CRN 364355-32-8 CMF C25 H28 N6 O

ARSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

CM 2

34435-33-1 CAFCDS 7E-Pyrrolo(2,3-d)pyrinidin-4-anine, 7-[trans-4-anino-4-(aninomethy))cyclohexyl)-5-(4-phenoxyphenyl)-, monoacetate (9CI) (CA RDEK NME) CM 1

CR21 364355-34-0 CMF C25 828 N6 0

Relative stereochemistry.

15 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

344355-41-9 CAPLUS 7K-Pyrrolo[2,7-4]pyrinidin-4-amine, 7-[trans-4-[4-methyl-1-piperasinyloyelohexyl]-5-[4-[phenylmethoxylphenyl]- (CA INDEX NAME) Relative stereochemistry.

282 344355-51-1 CAMCAS
CD 78-Tyrnolof2, 2-djpyrinidis-6-amine, 5-(4-(aninomethyl)phonyl)-7-(trans-6-monyl-1-piperstinyl)-printendents
EMBER (2004)
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CH 1

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AMENDS 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

364355-60-8 CAPAUS
78-Pyrrolo[2,3-d]pyrinidin-4-anime, 7-{cir-4-(4-methyl-1-piperarinyl)cyclohexyl]-5-[4-[phenylmethoxy)phenyl]- (CA INDEX NAME) Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CHN 364355-50-0 CMF C24 H33 N7

CRS 110-16-7 CRF C4 B4 O4

Double bond geometry as shown

| 364255-53-7 CAPL/8 CM 78-Pyrcolo(2,7-04)pyramadam-4-manse, 5-[4-(aninothyl-1)glosey)]-7-[01s-4-14-methyl-1-piperarinyl)cyclobesyl]-, (2T)-2-butenedicate (1:4) (CA INDEX NOME)

CN 1 CMN 364355-52-2 CMP C24 B33 N7

15 ARSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CH20 110-16-7 CMF C4 E4 O4

Double bond geometry as shown.

36435-56-6 CAPLUS Benzanide, N-[[4-[4-amixo-7-[trans-4-(4-methyl-1-piperazinyl)cyclobesyl]-78-pyrrolo[2,3-d]pyranidin-5-yl]phenyl]methyl]- (CA INDEX SAME) Relative stereochemistry.

15 ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continued)
20 34135-54-0 CAPLUS
CI Acetanica (cis-4-(4-net by 1-1-piperariny)) cyclobaxyl)-78pyrrolo(1,4-dpyrandian-3-yl)phrayl)-(CA INDEE MANE)



344353-59-9 CARDE 7E-Pyrolo(2,3-d)pyranddin-4-anime, 7-[mis-4-(4-methyl-1-paperarimyl)cyclobesyl]-5-[4-[[[phenylnethyl]animo]methyl]phenyl]- (CA NDIN 1988)

Relative stereochemistry.



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LS ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM (Continued)

NB 364355-60-2 CAPL/S
CR Carbanie acid,
[[4-(4-anio-)-litans-4-(4-methyl-1-piperazinyl)cyclobasyl]78-pyrtolo[2,3-0]pyrindin-5-yl]phonyl]methyl-, phenylmethyl ester (SCI)
(CA NDEKS NMM)



36435-62-4 CAPLOS
Carbamic acid, [[4-[4-amino-7-[cis-4-[4-methyl-l-piperazinyl]oyolohexyl]78-pyrcolo[2,2-d]pyrimidin-5-yl]phenyl]methyl]-, phenylmethyl ester (SCI)
(CA INDEX SUME)

15 ARSMER 9 OF 25 CAPLIS COPYRIGHT 2007 ACS on STN (Continued)

N6435-61-5 CAFLUS Benzenswirkonnids, N-[4-[4-anino-7-[trans-4-(4-nethyl-1-piperarinyl/oyclobayl]-7H-pyrrolo[2,3-d]pyrinidin-5-yl]phenyl]nethyl]-(CA IDEE N968)

Relative stereochemistry.

ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

Relative stereochemistry.

N2 344355-08-0 CAPLNS
CN Benzemacetanide,
4-[4-antho-1-(ciz-4-[4-nethyl-1-piperarinyl)cyclobaxyl]7R-pyrrolo[2,3-d]pyrmidin-5-yl]-N-pbmyl-, [22)-2-bstenedicate (1:3)

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ANEMER 9 OF 23 CAPUES COPYRIGHT 2007 ACS on STN (Continued)
364335-64-6 CAPUES
BenzeneurIconaidos, N-[[4-[4-anixo-7-[cix-4-[4-mathyl-1-piperaxiny1];cyclobasy1]-7B-pyrrolo[2, 3-d]pyrinidin-5-y1]phenyl]nethyl](C. 1005X NBOX.

Relative stereochemistry.

NN 364355-65-7 CAPLUS
CN Ures, N-|4-|4-anino-7-|trans-4-(4-methyl-1-piperarinyl)cyclobexyl)-7Npyrrolo[2,3-d]pyrinidin-5-yl]phenyl]methyl]-N'-phenyl- (CA INDEX NOME) Relative stereochemistry.

15 ARSHER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continued) INDEX NAME)

CH 1

CMN 364355-67-9 CMF C31 H37 N7 O

Relative stereochemistry.

CH 2

CMM 110-16-7 CMM C4 84 04

344355-71-5 CAPLOS Benzeneacetanido, 4-[4-anino-7-[trans-4-[4-nethyl-1-piperazinyl)oyelobesyl]-78-pyzzolo[2,3-d]pyzinidin-5-yl]-N-phenyl-, (22)-2-buteneducate (1:3) (CA DROSS NAME) CH 1

CRN 364355-70-4 CMF C31 H37 N7 O

15 AMENDER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

Double bond geometry as shown.

120 344355-78-9 CAPL/S
CN Urea, N-[4-[4-antino-7-[cis-4-(4-methyl-1-piperariny1) cyclohaxy1]-78pyrrolo[2,3-d]pyrindin-1-y1]-2-fluoropheny1]-N'-[2,4-difluoropheny1)(CA INDEX NOME)

Relative stereochemistry.



NO 94435-T-1 CARUS

Olicia, Indiana-7-[cls-4-[d-methyl-1-paperatinyl]cyclobesyl]-78probo[3,1-d-[paranidin-3-yl]-2-floorophesyl]-N'-[phenylmethyl]- (CA

Delative stereochemistry.

LS AMEMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

NB 54(355-76-0 CANUB CB Uses, N-{64-4-anino-7-{61s-6-(4-nethyl-1-piperannyl)-cyclohesyl)-78pyrcolo[2; 2-d]pyrinidin-5-yl]-2-fluorophenyl]-N-{4-ddimethylanino)phenyl]-(CA INCEX DME) Falative strenothenistry.

L5 ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM (Continued)

NU 364355-78-2 CANDS

OF Urea, Nr. (4-(*-anixo-7-[cas-4-(4-methyl-1-paperarinyl) cyclohesyl]-78pyrrolo[2, 3-d]pyrinidin-5-y2]-2-fluorophenyl]-N'-[[3-methylphenyl)methyl](A. HOKE NMET.)

Aslative strenobenistry.

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15 ARSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued

30 964955-79-3 CAPLES CM Utea, N-[4-[4-milmo-]-(cis-4-(4-methyl-1-piperazinyl) cyclobexyl]-7spyrrolo [2, 3-d)pyr inidin-5-yl]-2-fluor ophenyl]-N'-(4-phenoxyphenyl)- (INDEX NMG)

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM (Continued PAGE 1-A

NN 36435-82-8 CARLUS CB Utca, N-[4-[4-anaro-7-[cis-4-(4-methyl-1-paperarinyl) cyclohesyl]-78pyzrolo[2,3-d]pyzinidin-5-yl]-2-fluorophenyl]-N'-(3,5-dinethoxyphenyl)-(CA INDEX NAME)

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Relative stereochemistry.

- 15 AMEMBER 9 OF 25 CAPLUS COPPEIGHT 2007 ACS on STM (Continued)
 33 34435-50-6 CAPLUS
 Ucos, N-[-14-maino-7-[cix-4-(4-methyl-1-paperarinyl)syclohesyl]-7H-
- pyxxolo[2,3-d]pyxinidin-5-yl]-2-fluorophenyl]-N*-[(4-methylphenyl)methyl]-(CA_INDEX_NAME)

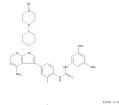
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PAGE 1-A

28 364355-81-7 CAPLOS CN Ures, N-14-[4-anixo-7-[cis-4-(4-nethyl-1-pipesazary1)eyelohasy1]-7H-PROCE SMM: dipprintdim-5-y1)-2-flooropheny1-4*-(2-nethylpheny1)- (CA

Relative stereochemistry.

15 ANSWER 9 OF 25 CAPIUS COPYRIGHT 2007 ACS on STM (Continued)
PAGE 1-A



NB 364355-83-9 CAPLUS CB Urea, N-[4-[4-anino-7-[cas-4-[4-methyl-1-paperarinyl) cyclohexyl]-78pyrrolo[2,3-d]pyrinidin-5-yl]-2-fluorophenyl]-N'-[2-(2-thienyl) ethyl)-(CA INDEX NAME)

15 MERCE # 07 25 CAPUTE COPRESSET 2007 ACG on STO (Continue)
PAGE 1-A.

383 3-44351-84-0. CAPLUS C Seas. N-{6-[4-manno-7-[cis-4-(4-methyl-1-piperaxinyl) cyclobaxyl]-78pyxrolo([4,3-4]pyximidis-5-yl]-2-fluorophenyl]-84-(2-methylphenyl)- (CA 19DEX NME)

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Relative stereochemistry.

15 ANDREA 9 OF 25 CAPAINS COPPRENT 1007 ACE on STM | Constitued FAME 1-A

7AUE 3-A
30 34435-84-2 CANUS
0 Drea, N-(4-(4-anno-)-(-14-4-(4-nechy)-)-)-paperasiny2)-yolohey3)-78pyraeli 1-1-1-1-yyzindin-4-y3]-3-1-tacophery1-3-1-1-1-1-4-danhorophery1-78-

Relative stereochemistry.

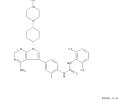
Continued to CHILDS CONTRIBUT 2007 ACS on ETH Continued PAGE 1-A

384355-85-1 CAPLUS CM Utea, N-[4-[4-anino-7-]eis-4-(4-methyl-1-piperalinyl)eyelohasyl]-78pyrrolo[2,3-d]pyrinidin-5-yl]-2-fluorophenyl]-8'-[3,5-dlehlorophenyl)-ICA IMBER IMMED.

PAGE 2-A

Relative stereochemistry.

L5 ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
PAGE 1-A



FRI 364255-87-3 CAPLUS
CRI Utca, N-[4-[4-anino-7-[cis-4-(4-nethyl-1-paperathyl) cyclohexyl]-7Epyrrolo [2,3-d]pyranidin-5-yl]-2-fleorophenyl]-N'-[3,5bis (trifluoromethyl)phenyl]- (CA INDEX NOME)

13 MERICA 9 GF 25 CAMUSE COPYRIGHT 2007 ACS as STM (Contained STATE 1.A.)

PD 34355-88-4 CAPURS
CN Orea, N-[4-[4-animo-7-[cis-4-(4-nethyl-1-piperazinyl)cyclohexyl]-78pyrrolo[2,3-4]pyrindin-5-yl]-2-fluorophenyl]-81-[3-nethoxybhenyl]INEX: MMEI

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L5 AMBRER 9 OF 25 CAPLIES COPYRIGHT 2007 ACS on STR (Continued)
PAGE 1-A

383 34435-30-8 CAPL/S CN Urea, N-(4-[4-aniro-7-[cis-4-(4-methyl-1-piperatinyl) cyclobexyl]-78pyrrolo[2,3-d-]pyrinidim-5-yl]-2-flvorophenyl]-N-[1,1'-biphenyl]-2-yl-(CA INDEX NAME)

Relative storeochemistry.

15 ANDREA 9 OF 25 CAPUTS CONTRIGHT 2007 ACS on STM (Continued PAGE 3-A

RN 36435-89-5 CAPLUS
CN Urea, N-[4-[4-anino-7-[cis-4-(4-nethyl-1-piperarinyl)cyclobexyl]-78pyrrolc(2,3-d)pyrinidin-5-yl]-2-fluorophenyl]-N-[2,4,6-trichlorophenyl)(CA INDEX NAME)

Relative stereochemistry.

L5 ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN [Continued]

PAGE 2-A

15 ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) PAGE 1-A

PAGE 2-A

 $\label{eq:36} \begin{array}{ll} 364355-92-0 & \text{CAPLOS} \\ \text{Urea, } & \mathbb{R} \cdot \{6-[4-\text{anino-}7-] \text{ trans-}4-[4-\text{nethyl-1-piperazinyl}) \text{ cyclobexyl}\}-78-pyxrolo [2,3-d)pyxinidin-5-yl]-2-fluorophenyl]-8'-(3-\text{nethylphenyl})-\\ & \text{ICEX} & \text{RME} \\ \end{array}$ Relative stereochemistry.

- L5 ANNUAR 9 OF 25 CAPLIS COPYRIGHT 2007 ACS on STN (Continued)

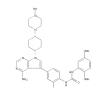
Relative stereochemistry.

LS AMEMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

364255-93-1 CAPLUS Benzensulfosanide, N-[4-[4-anino-7-(4-oxocyclobexyl)-78-pyzrolo[2,2-dipylinidin-5-yl]-2-fluorophenyl]-2,3-dichloro- [CA INEX NAME]

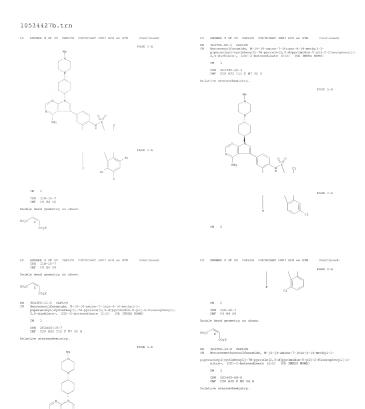
PAGE 2-A

ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN PAGE 1-A



PAGE 2-A

- 364256-05-8 CAPLNS Enteresulfonande, N={4=[4-anino=7=[ois-4=[4-methyl-1-piperaink]]/yelobaxyl]-7M-pyrrolo[2,3-d]pyrinidin-5-yl]-2-fluorophenyl]-2,5-dibroso-3,6-difluoro-, [22)-2-butenedicate [1:2] (CA_NDEK_NUME)
 - CBN 262443-66-3 CBF C29 H30 Bx2 F3 N7 O2 S



LS ARSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) PAGE 1-A PAGE 2-A NO₂

CRN 119-16-7 CRF C4 84 04

Double bond geometry as shown

262442-00-22
242 NC (Constants Deposit artisty), ET (Bastam); EFR (Symbatic Deposit Cons); TRC (Therapeuto Use); ETCL (Biological study); PREP Preparation); ACT (Bestram or respect); DSSE (Dees); PREP PREPARATION; ACT (Bestram or respect); DSSE (Dees); Deposit Reservant; preparation of pyrrology/inidianies as protein kinase

L5 ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM Relative stereochemistry.

262442-79-5 CAPAINS Carbanic acid, -4-mino-7-(rana-4-(4-methyl-1-piperarinyl)cyclohexyl)--78-pyrrolo[2,3-d]pyranidin-5-yl)-2-methoxyphenyl)-, phenylmethyl exter [GCI] (CA. INDEX MOMES) Relative stereochemistry.

93 262444-63-3 CAPAUS CR Carbonic acid, 3-[4-anino-3-(4-phonoxyphany1)-7H-pyrrolo[2,3-d]pyrinidin-7-y1[cyclopasty1 4-nitrophany1 arter (CA INDEX NAME)

Page 84

15 AREMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM (Continued) inhibitors)
32 2242-00-02 CAPLUS
CM 78-byrrolo(2,3-d)pyrimidin-6-amine, 7-[118,78)-3-(4-qethy1-1-piperainyl)-pyolohenyl)-5-(4-phenoxyphenyl)-, rel- CK INDEX INNE)

Relative stereochemistry.

17 2774-76-7 32442-97-5 22442-77-5 22442-77-5 22442-77-5 22444-77-5 22444-77-5 22444-77-5 22444-77-5 22445-77-6 22457-76-



262442-03-5 CAPLUS 78-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(1R,38)-3-(4-methyl-1-piperaxinyl)opolohesyl]-5-(4-phenoxyphenyl)-, rel- (CA INDEX NAME)

ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

262444-65-5 CAPLUS Nethanone, [4-4-anino-7-syclopentyl-7E-pyrrolo[2,3-d]pyrinidin-5-yl]phenyl[beryl- (CA INDEX NAME)

364355-50-0 CAPLUS 78-Pyroio[2,3-d]pyrinidin-4-anine, 5-[4-(aninomethyl)phenyl]-7-[trans-4-(4-methyl-piperarinyl)cyclobesyl]- (CA INDEX NAME) Relative stereochemistry.

LS ARSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

12: 364355-52-2 CAPAUS C2: 7E-Pyrroio(2,3-d)pyramidin-4-mime, 5-[4-(aminome:hpi]phemyl)-7-[cis-4-[4-methyl-1-piperantnyl)cyclobesyl)- (CA INDEX NAME)

Relative stereochemistry.

262441-45-2P 262441-49-6P 262443-01-2P 262444-45-1P

ASSINGE 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continued)

22 262443-81-2 CAPLUS 22 Acetic acid, (4-(4-amino-5-(4-phenoxypheny1)-7%-pyxxolo(2,3-d)pyxinidin-7-yl)qydiohexylidene(= (9C1) (CA INDEX NAME)

262444-45-1 CAFLUS 78-Pyrrolo(2,3-d)pyramidan-4-amame, -amamo-3-fluorophemy1)-7-(trans-4-(4-methy1-1-piperazamy1)cyclobexy1)- (CA INDEX NUME)

15 MOMER 1 OF 25 OMUSE COPPLISHE 2007 MCS on THE GENERAL PROPERTY OF THE PROPE

Relative stereochemistry.

262441-49-6 CAPLUS 7M-Pyrrolo[2,3-d]pyrinidin-4-anine, 5-{4-phenoxyphenyl}-7-{cis-4-(1-phenoxyphenyl)-7-(1-phenoxyphenyl)-7-(1-phenoxyphen

ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

\$\frac{1}{2}\limits \frac{1}{2}\limits \frac{1}{2}\

ANNUR F OF 25 CHRUIS COMPANIES 2007 ACS on ETM (Chemismose)
21444-1-1-10 21444-1-10 2144

(carge: ouper.) preps. or pyrrolopyriniansmines as p inhibitors) inhibitors) CD (SH431-69-6 CAPCUS CD (Sh431-69-6 CAPCUS CH-[4-mino-3-(4-phenoxypheny])-TH-pyrrolo[2,2-d]pyrinidin-7-yl]- (CD INDEX NAME)

90 262477-52-7 CAPLUS

ASSINGE 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

262441-48-5 CAPLUS 7E-Pyrrolo(2,7-d)pyrinidin-6-amine, 5-(4-phenoxypheny1)-7-(cis-6-(1-pyrroloisy))-yclobexy2)- (CA INDEX NAME)



262441-50-0 CAPLUS 78-Pyrrolo[2,3-d]pyrimidin-4-anime, 5-(4-phenoxyph piperidinyl)opolohemyl]-, monohydrochloride (9CI)

L5 ANEMER 9 OF 25 CAPLUS COPYRIGHT 2007 MCS on STN (CCR Cyclobearnose, 4-[4-anino-5-[4-phenoxypheny1]-7H-pyrrolo[2,3-d]pyrinidin-7-y1]- (CA INDEX NOME)

262441-46-3 CAPLUS Glycine, 3-[4-mino-5-(4-phenoxypheny1)-78-pyrrolo[2,3-d]pyrinidin-7-vilovcioeentyl este, monohydrochloride (SCI) (CA INDEX NAME)

BC1

IN 262441-67-4 CAPLDS CN L-Valime, 3-[4-animo-5-(4-phenoxyphenyl)-78-pyrrolo[2,3-d]pyrinidin-7-yl]oyolopentyl ester, monohydrodnloride (9C1) (CA INDEX NAME) Absolute stereochemistry.

ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

FN 202441-51-0 CAPLUS CN 7H-Pyrrolo[2,3-d]pyrinidin-4-anine, 7-[tran-4-(dinethylanino)cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)

Relative stereochemistry.

262441-61-2 CAPLES 2,5-Darabityclo[2,2.1]beptame-2-carboxylic acid, 5-[cis-4-[4-anino-5-[4-phenoxybenyl]-W-pyrrolo[2,3-d]pyrinidim-7-yl]cyclobexyl]-, 1,1-dimethylethyl ester, [18,48]- (CA INDEX NAME)

Absolute stereochemistry.

15 ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

22 3244-5-4 03252 2 3-20-14019763-3-21)beptans-2-cutioxylic acid, 2-[trans-4-(4-mino-5-4c) phenoxylesyl-78-pyrrolo[2,3-d)pyrinddin-7-yl]cyclobasyl]-, 2-[trans-4-(4-mino-5-4c) phenoxylesyl-78-pyrrolo[2,3-d)pyrinddin-7-yl]cyclobasyl]-, Nacolite strenochemistry.

15 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STS (Continued)

20 262441-69-0 CASUZS CM TR-Pyricol(2,3-d/gyrimidin-6-amine, 7-(trans-6-[4-(1-methylethyl)-1-piperaximyl/gyclobesyl)-3-(6-phenoxyphenyl)- (CA INDEX NIME)
Relative stereochemistry.

- 1.5 ARSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STRN (Continued)
- BB 282441-6-7 CAPLES CR 1,2-Rithasedianine, N-[cus-4-[4-aniso-5-[4-phenoxypheny1]-78-pyrrolo[2,2-dlpyrinidin-7-y1] cyclobexyl]-N,N',N'-trinethyl-, (23)-2-butenedicate (1):3 (9(1) (CA IRBEE NAME)
 - CM 1
 - CRS 262441-65-6 CMF C29 RT6 N6 O

ative stereochemistr

- CN 2
- CMF C4 B4 O4

Double bond geometry as shown



IN 262441-67-8 CAPLUS
CN 7N-Pyrrolo[z,5-d]pyrinidin-4-anise, 7-[cns-4-[4-(1-methylethyl)-1-piperaxinyl]eyclobeyl]-5-[4-phenoxyphenyl]- (CA INDEX NUNE)
Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



PE 262441-73-6 CAPAUS
CM TR-Pyrrolo(2,7-d)pyrinidin-4-anine, 7-[trans-4-[4-(2-methoxyethy1)-1-piperaxiny1]cyclohesy1]-5-(4-phenoxypheny1)- (CA INDEX NAME)
Felative stereochemistry.



NN 262441-75-8 CAFLUS CN 78-Fyrrolo[2,3-d]pyrnnidin-4-anime, 7-[eis-4-[4-ethyl-1piperarinyl)eyelobenyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME) Bolatiw storocobonistry

15 ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

331 36/44:8-6-9 CANUE C12 TE-Tyronology-3-dypy:nidin-4-mins, 7-[cis-4-[4-(1-methylechyl)-1-paperariny]]pyclohasyl]-5-(4-phenoxyphenyl)-, [22)-2-butenedocate (1:3) [CA IDDEX IDDEX]

CMN 262441-67-8 CMF C31 M38 N6 O

Relative stereochemistry.

L5 ARREA 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continued) Double bond geometry as shown.

283 462441-79-3. CAPADS 78-Tytrodo(2).78-Dytraidin-4-anime, 7-[cis-4-[4-(2-methoxywthy3)-1superaxing/]:perioheay1]-5-(4-phenoxypheny1)-, (22)-2-butenedicate [1:3) (CA IDEX NAME)

CM 1

CR21 262441-71-4 CMF C31 H30 NG O2

CMF C31 H30 NW O2

CRS 110-16-7 CRF C4 E4 O4

Double bond geometry as shown

331 282441-79-2 CAPS.55 Cl 7E-Pyrrolo[2,3-d]pyrsmidin-4-mnine, 7-[trans-4-[4-(2-methoxyethy1)-1piperasays])optohesyl]-5-[4-phenoxyphenyl]-, [25]-2-butenedisate [1:3]

Page 88

- 15 AMESMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STRN (Continued)
 - CMM 110-16-7 CMM C4 H4 O4

louble bond geometry as shown.



383 262441-77-0 CANADS 78-Pyrnol(2,3-0]syrinidin-4-maine, 7-[trans-4-[4-(1-methylethyl)-1-papersinyl]epclobesyl]-5-(4-phenoxyphenyl)-, (22)-2-instenedicate (1:7) (CA INDIX 19MB)

CMN 262441-69-0 CMF C31 H30 N6 O

WH2

CN 2

1.5 ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STRI (Continued) (CA INDEX NAME)

CM 1

CMN 262441-73-6 CMF C31 H30 NG C2

(2) N. (1) N. (1

CRS 110-16-7 CRF C4 R4 O4

ouble bond geometry as shows

но20 2 2018

381 961441-81-6 CAPLUS 1 1,2-Bhasedanne, N=[cnz-4-[4-unino-5-[4-phenoxypheny1)-7H-pyrrolo]2,3-dlpyranidin-7-y3]cyclobeny1]-N,N-dinethy1-, (22)-2-betanedicate (113) (SCI) (CA. HEEK. BUMEN)

CM 1 CMN 262441-80-5

15 AMSMER 9 OF 25 CAPLIES COPYRIGHT 2007 ACS on STN (Continued)

Double bond geometry as show

2 26241-51-6 CAPLCS 1 12-Sthamedianne, 1 12-

- CH 1
- CR20 262441-02-7 CMF C20 834 N6 O

LS ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

louble bond geometry as sho

262441-85-0 CAPLUS 78-Pyrcolo[2,3-d]pyrinidin-4-anise, 7-[eis-4-[3-(18-inidarol-1-yl]propyl]pyclohesyl]-5-(4-phesoxyphesyl)-, [22)-2-bstenedioate (1:2)

- CN 1 CRN 262441-84-9 CMF C30 B32 N6 O
- Relative stereochemistry.

AMBNER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CRS 110-16-7 CRF C4 R4 O4

Double bond geometry as shown.

262441-87-2 CAPL/98
78-Pyrrolo(2.3-d)pyrinidin-4-anime, ?-[trams-4-[3-(18-inidazol-1yl)propyl)cyelohesyl)-5-(4-phenoxyphenyl)-, (22)-2-butenedicate (1:2) INDEX NUMB)

- CM 1
- CRN 262441-96-1 CRF C30 832 N6 O

Relative stereochemistry.

ANSMER 9 OF 25 CAPLUS COPYRIGHT 1007 ACS on STN (Continued)

CRN 110-16-7 CMF C4 H4 O4 louble bond geometry as shown

HN 262441-09-3 CAPLUS CN 78-Pyrrolo[2,2-d]pyrinidin-4-anine, 7-|oi=4-(dimethylanino)cycloheryl]-5-(4-phenoxyphenyl)- (CA INDEX NUME)



15 AMEMIER 9 OF 25 CAPIUS COPPRIGHT 2007 ACS on STM (Continued)
230 202441-89-4 CARDS
178-Pyriologic 32 -dipprisidin-4-wnise,
7-[cia-4-(disetbylamics) cyclobasy): 75[cip-ecomplessy)-, 7202-8-bsterositante (1:2) (CA INNEX NAME)

CM 1

CRR 262441-88-3 CRF CR6 RR9 RS 0

CM 2

CRS 110-16-7 CRS 04 84 04

Double bond geometry as shown.

262441-91-8 CAPLOS 78-Pyrroio[2,3-6]pyrmidin-6-anne, 5-(4-phenoxyphenyl)-7-[trans-6-(1-phenoxyphenyl)-yelobexyl)-, [22)-2-betenedicate [1:2] [CA INDEX NAME)

ON 1

CR21 262441-90-7 CMF C29 RI2 N5 O

ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

262441-94-1 CAPLUS TR-Pyrrolo[2,3-d]pyrinidin-6-anine, 5-(4-phenoxyphezyl)-7-[cis-6-(1-piperarinyl)cyclobaxyl]-, [22)-2-bstenedicate [1:3) [CA INDEX NAME] CM 1

CRM 262441-93-0 CRM C28 H32 N5 O

Relative stereophemistry.

CR2 110-16-7

Page 90

ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CN 2

Double bond geometry as shown.

38 262441-92-9 CAPLUS CS 78-Pyrrolo[2,3-d]pyrinidin-4-anine, 7-[cis-4-[hexahyiro-4-methyl-18-1,4-diagepin-l-yl)opylohexyl)-5-(4-phesoxyphenyl)-, dihytrochloride (9Cl) (CA

INDEX NAME) Relative stereochemistry.

L5 ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) CMF C4 84 04

Double bond geometry as shown.

262441-95-2 CAPLUS
78-Pyrcolo[2,3-d]pyrinidin-4-anime, 5-(4-phenoxyphenyl)-7-(trans-4-(1-piperaxinyl)-eyelohesyl)- (CA INDEX NAME)

PR 262441-96-3 CAPLUS CR 78-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-phenoxypheny1)-7-[trans-4-(1-piperanisy1)cyclobery1]-, (22)-2-butenedicate (1:3) (CA INDEX NAME)

ON 1

CMM 262441-95-2 CMM C28 H32 N6 O

15 ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 2 CR20 110-16-7 CRSF C4 84 04

Double bond geometry as shown.

262441-98-5 CAPLUS
78-Pyrroio(2,3-01)yrinidin-4-anime, 7-[3-(4-methyl-1piperazinyl)cyclopentyl)-5-(4-phenoxyphenyl)-, (22)-2-butenedioate (1:3)
(CA INDEX NUMB) CM 1

CMS 262441-97-4 CMF C28 B32 N6 0

15 ANNHER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM (Continued) CM 1

CMM 262442-00-2 CMM C29 M34 M6 O



CM 2

(CA INDEX NAME)

ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CRN 110-16-7 CNF C4 E4 O4

Double bond geometry as shown

RN 262441-99-6 CAPLUS CN Benzementhinol, 4-(4-animo-7-cyclopentyl-7B-pyrrolo(2,3-d)pyrinidin-5-yl)-e-phenyl- (CA INEEX NAME)



262442-01-3 CAPLUS
78-Pyrrolo[2,3-d]pyrinidin-4-anine, 7-[(1E,3E)-5-[4-methyl-1-piperazinyl)cyclobexyl]-5-(4-phenoxyphenyl)-, rel-, (22)-2-butenedicate
[1/3] [SCI] [CA_DREX_NAME)

ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



262442-04-6 CAPLUS
7B-Pyrrolo[2,3-d]pyrinidin-4-amine, ?-[(1R,25)-3-(4-methyl-1-piperaxinyl)cyclohesyl)-5-(4-phenoxyphenyl)-, rel-, (22)-2-butenedicate (1/3) (501) (CA INDEX NAME)

CH 1 CRN 262442-03-5 CMF C29 834 N6 O



15 ARSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) Double bond geometry as shown.

0028

201 262442-05-T CARAUS CH 78-Pyrrolo[2,3-d]pyrrandun-6-anime, 7-[(18,38)-3-[4-methyl-1-piperaxinyl)cyclolesyl]-5-(4-phenoxyphenyl)-, trilydrochloride, religion (CA INDEX NAME)

•3 NC1

2D Nd141-01-3 CANCER
CR TR-Syrrolo(1)-1-0 CANCER
CR TR-Syrrolo(1)-1-0 CANCER
-(-(-nethyl-1-piperariny))-7-(trans-(-(-nethyl-1-piperariny))-piperariny))-(Z2)-2-bstenedicate (113) (CA
IDEE NOWL) CN 1

CRN 262442-06-8 CMF C30 836 N6 O

Relative stereochemistry.

ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM (Continued)

262442-11-5 CAPLUS
Benzanide, N=[4-[6-anino-?-[cis-4-(4-nethyl-1-piperazinyl)cyclohexyl]=78pyzrolo[2,3-d]pyzinicin-5-yl]-2-nethoxyphenyl]-2,4-difluoro-,
[22]-2-butenedicate (i/3) (CA_DNDEX_NMEX) CM 1

CMM 262442-10-4 CMF C31 H35 F2 N7 C2

Relative stereochemistry.

PAGE 1-A

AMEMBER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continued)

CN 2 Double bond geometry as shown

NN 262442-08-0 CAFLUS CN Carkanic acid, [2-(4-morpholiny1)-ethy1]-, 3-[4-anino-5-(4-phenoxypheny1)-78-pyrtolo[2,3-d]pyrinidim-7-yl]cyclopenty1 ester, mombhydrochloride (9CI)

(CA INDEX NAME)

1.5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) PAGE 2-A

Double bond geometry as shown

262442-13-7 CAPLUS
Benzanide, N-[4-[4-anino-7-[0is-4-(4-methyl-l-piperazinyl)cyclohenyl]-78pyrrolc[2,3-d]pyrinidin-5-yl]-2-methoxyphenyl-2,3-dichloro-,
[229-2-buttenedicate (13) (CA. DEEG. NAME)

ON 1 CRS 262442-12-6 CMF C31 R35 C12 N7 O2 Felative stereochemistry.

LS AMSMER 9 OF 25 CAPLIES COPYRIGHT 2007 ACS on STN (Continued) PAGE 1-A PAGE 2-A CMS 110-16-7 CMF C4 84 04 Double bond geometry as shown. 920 262442-15-9 CAPLUS 15 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) Double bond geometry as shown.

88 262442-17-3 CASUS CR Bencande, N-[4-[4-amino-7-[cis-4-(4-methyl-1-piperaxinyl)cyclobexyl]-78-pyrrole[4]-9-dpyrindin-5-y2]-2-methoxyphenyl]-, [28)-2-butenedicate (CA INDEX NAME)

CM 2

CMN 262442-16-0 CMF C31 B37 N7 C2

Relative stereochemistry.

 AMSMER 9 OF 25 CAPLES CONVENIENT 2007 ACS on STM (Continued)
 Benzando, N-[4-6-4-anneo-7-(nea-4-(4-en-thy)-1-paperainy)/j-syclohesyl]-7H-pyrrolo(2,3-4-pyrusidin-5-yl]-2-en-thosphesyl]-2,6-dichloro-(22)-2-batenedicate (1:2) (CA IMBER 1986) CM 1

CMM 262442-14-8 CMF C31 H35 C12 N7 G2

Relative stereochemistry. PACE 1-A PAGE 2-A

CN 2 CRN 110-16-7 CMF C4 B4 O4

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM (Continued)

262442-19-3 CAPLUS Benzanide, N=[4-[4-amino-7-]cis-4-[4-methyl-3-paperarinyl]cyclol pyrrolo[2,3-4]pyrinidin-5-y1]-2-methoxyphenyl]-2,4-dichloro-, (22)-2-buttenedicate (1:3) (CA INDEX NME)

Relative stereochemistry.

PAGE 1-A

15 ARSMER 9 OF 25 CAPLES COPYRIGHT 2007 ACS on STN (Continued ON 2

CMF C4 B4 C

ouble bond ocometry as shown

2020 E

3N 262442-21-7 CAPLUS CB Searande, N=[4-(4-anino-7-[cis-4-(4-methyl-1-piperaxinyl))cycloheayl]pyrrolo[2,7-4]pyrinidin-5-yil-2-methoxyphanyl]-2-chloro-5trifilero constitut]- (20)-2-beramedicate [1:2] (CA INDEX NAME)

PAGE 1-A

CM 1 CMN 262442-20-6 CMF C32 835 C1 F3 N7 O2

Relative stereochemistry.

Relative stereochemistry.

15 AMBRER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on SYM (Continued

333 262442-23-9 CAFL/S CB Bentanide, N: [4-[4-maino-7-[cis-4-(4-methyl-1-piperaxinyl)cycloheayl]-78 pyrx0:0:[2/3-dipyranidis-5-yl]-2-methoxyphenyl]-2, 6-difloxto- [CA INDEX

Relative stereochemistry



NN 262442-24-0 CAPLUS
CR Bentamide, N-(4-[4-amino-7-[cis-4-(4-nethyl-1-piperatinyl)cyclobasyl]-TH-pyrrolo[2,3-d]pyrundin-1-yl]-2-nethoxyphenyl]-2-nethoxy- (CA INDEX NAME)

Relative stereochemistry

1.5 ARSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STRI (Contanue:
PAGE 2-A

CF3

CN 2 CNN 110-16-7 CNP C4 B4 O4

Double bond geometry as shown.

802C 8

RN 202442-22-8 CAPLOS CN Benzempropananide, N-[4-[4-amino-7-[ciz-4-[4-methyl-1-

piperaziny1)cyclobexy1]-78-pyrrolo[2,3-d]pyrinidin-5-y1]-2-nethoxypheny1]-(CA_INDEX_NOME)

n July Ote

15 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
PAGE 1-A

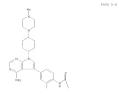
PAGE 2-A

HM 262442-23-1 CAPLUS Bentamade, N-[4-[4-aniso-7-[cas-4-(4-methyl-1-pipersrinyl)cyclohoxyl]-7Hpyrrolo[2,3-d]pyrinidin-5-yl]-2-methoxyphenyl]-2,6-dimethoxy- (CA INDEX IOMS)

13 MEMBER 9 OF 20 CAPUTS COPPRISED SOFT ACC OR STREET FACE 1-A

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LS AMEMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



PAGE 2-A

IN 22242-27-3 CAPAUS
CN Bentanies, N-[+[-4-mino-7-[cis-4-(4-methyl-1-piperarinyl)eyclohenyl]-7Rpprrolo[27-mipyrinidin-5-yl]-2-methosyphenyl]-3-methosy- (CA INDEX
NAME)
Rolative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
PAGE 1-A



321 N2442-28-4 CAPLUS
C22 Emnanties, N-[4-(4-mnino-7-|cix-4-(4-methyl-1-piperaninyl)cyclobasyl)-7pyrrab(c)-3-djpyramidan-5-yl)-2-methosyphenyl)-4-fluoro- (CA INDEX NUM
Rolative stereoblenistry.

15 MNNMER F OF 25 CHARGE COPPRIGHT 2007 MGS on STM (Gostlines)

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22 462-49-5 CAPLES CR Remande, R-(4-(4-maino-7-(cur-4-(4-methyl-1-piperarinyl)cyclobacyl)-7Rpytrolo(1,7-d)pytmaida-5-yl)-2-methoxyphenyl)-4-chloro- (CA INDEX NNE) Relative stereochemistry.

15 AMSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN PAGE 1-A PAGE 2-A

T22 262442-30-8 CAPLUS
CR2 Benranide, N-[4-[4-anino-7-[cis-4-(4-nethyl-1-piperarinyl pyrrolo[2,3-d]pyrinidin-5-y1]-2-nethoxyphenyl)-4-nethoxy-NME.)

AMSNER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM PAGE 1-A

PS 262442-32-0 CAPLOS
CN Acetanice, N-[4-[4-anino-7-[cis-4-(4-methyl-1-piperazinyl)
pyxrolo(2,3-d)pyxandin-5-yl)-2-methoxyphenyl)-2-phenoxyNAME: Relative stereochemistry.

LS AMEMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) PAGE 1-A PAGE 2-A

262442-31-9 CAPLUS
Bentanide, N-[4-[4-anino-7-[cis-4-(4-nethyl-1-piperarinyl)cyclohexyl]-7H-pyrrolo[2,7-d]pyrinidin-5-yl]-2-nethoxyphenyl]-4-(trifluoromethyl)- (CA Relative stereochemistry.

ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

262442-23-1 CAPLUS cetanade, N: [4-[4-amino-7-[cis-4-(4-methyl-1-paperaranyl)eyclohenyl]-78-yyrrolo[2,3-d]pyrinidin-5-yl]-2-methosyghenyl]-2-(4-chlorophenoxy)- (CA NOXX (MMX)

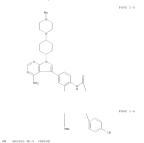
15 AMENGR 9 OF 25 CAPLIS COPYRIGHT 2007 ACS on STN (Continued)

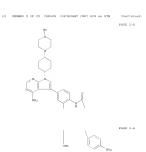
NN 262442-24-2 CANAUS CN Cyclopropanerarisossmide, N-[4-[4-amino-7-[dis-4-(4-methyl-1piperariny1) cyclohexy1]-78-pyrrolo[2,3-d]pyrinidin-5-y1]-2-methoxypheny1]-2-phexy1-, [37,28)-rel (CA INDEX NAME)

AMMER 9 OF 25 CAPUTS COPYRIGHT 2007 ACS on STM (Continued) Bentanide, N-[4-]4-aniso-7-[01s-4-(4-nethyl-2-piperalinyl)oyolobeay1]-78-pytrolo(2/3-d)pytrindis-5-yl)-2-nethoxyphenyl)-3-nitro- (CA INDEX NAME)

Relative stereochemistry.

262442-35-J CAPLOS BENIARIAGO, H-[4-(4-emino-7-[cis-4-(4-methyl-1-piperarinyl)cyclohexyl)-7-pyrrolo[2,2-d]pyrinidin-5-yl]-2-methoxyphenyl)-4-cyano- (CA INCEX NACE) Belative stereochemistry.





262462-38-6 CMRUS Benzamde, N=[4-[4-mino-7-[cis-4-[4-methyl-1-piperarinyl)cyclobexyl]-78 pyrrolo[2,3-d]pyramdam-5-yl]-2-methoxyphenyl]-3,5-difluoro- (CA INDEX 1808)

15 AMENUR 9 OF 25 CAPLIS COPYRIGHT 2007 ACS on STRI (Continued



38 36446-39-7 CAPLES C2 Asstands, N.[4-[4-anino-7-]cls-4-[4-nethyl-1-piperarinyl]cyclobasyl]-7 pyriolo[3,3-4]pyrinidia-5-yl]-2-nethoxyphenyl]-2-[phenylnethoxy)- (CA TIDEX BMS)

Relative stereochemistry.

15 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM (Continue



De Berranide, N-[4-[4-asino-7-[dix-4-[4-methyl-1-piperazinyl]] oyolobsxyl]-7.
pyrrolo[2,3-d]pyranidxm-5-yl]-2-methoxyphenyl]-2,3-difluoro- (CA INDEX NME)

Relative stereochemistry

15 AMENDS 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

EN 262442-60-0 CARLUS
CH Benanide, N:[4-(4-miso-7-[cis-4-(4-methyl-1-piperarisyl)oyclohasyl]-7pyrrol(2-7-djpyrinidis-5-yl)-2-methoxyphenyl)-3-cyano- (CA INDEX NAME)
Belative steroochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



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IN 262442-42-2 CAPLUS CR 3-Pyridimeoarboxanide, N-[4-[4-aniso-7-[cir-4-(4-nethyl-1-

piperazinyl) cyclobexyl)-78-pyrrolo[2,3-d]pyrinidin-5-yl]-2-nethoxyphenyl]-6-chloro (Ch 18685 NMG)
Solative stereochemistry.

DE 262442-43-3 CAPLUS

CH Bentamise, N-(4-(4-mino-7-[cis-4-(4-methyl-1-piperarinyl)cyclobasyl]-7B-pyrrolo[2,7-d]pyrundin-5-yl]-2-methoxyphenyl]-4-(trifluoromethoxy)- (CA EDEX XMDEX XMDEX

Relative stereochemistry.



FM 262442-44 CAFLUS
CN Benzanide, N-[4-[4-anino-7-[cir-4-(4-nethyl-1-paperarinyl)cyclobexyl]-7N-pyrrolo[2,3-d]pyrinidin-5-yl]-2-nethoxyphenyl]-2,4,6-trifloro- (CA NMMX NMME)

Relative stereochemistry.

15 ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) PAGE 1-A



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332 362442-45-3 CARLUS CB Benaming, N-[4-[4-amino-7-[cix-4-(4-methyl-1-piperaninyl)cyclobasyl]-78pytrolo[2,3-4]pytanidin-5-yl]-2-methoxyphenyl]-2-chloro-4-fluoro- (CA-IDEK MUSE)

elative stereochemistry

L5 ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN [Continued]



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381 262442-64-6 CNFLUS GB Benrande, N-[4-[4-anino-7-[cns-4-(4-methyl-1-pipersrinyl)cyclohoxyl]-7H pyrrolo[2,3-4]pyrandan-5-yl]-2-methoxyphenyl]-6-[dinethylanino]- (CA JUDEX BOME)

AND ADDRESS OF ST. COUNTRIEST 2007 ACS on 27% (Countriesses)

PAGE 1-A

TAGE 2-A

D2 262442-47-7 CAPLES
CN Acetanice, N-[4-[4-anino-7-]cis-4-[4-nethyl-1-piperarinyl)cyclobaxyl]-TB-pyrrolo[2,2-4]pyr inidin-5-yl]-2-nethoxyphenyl]-2-nethoxy- (CA INDEX NAME)

Relative stereochemister

LS AMSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

322 262442-49-9 CAPLUS CR 78-Pyrrolo[2,3-d]pyrinidin-4-anine, 7-[trans-4-]4-(nethoxynethyl)-1piperaxinyl]epolohenyl]-5-(4-phenoxyphenyl)-, (22)-2-butenedicate (1+3) (CA 1802X NMHS)

CM 1 CBS 262442-48-8 CMF CS0 B36 NG G2 Relative stereochemistry.

15 AMBNER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continued



CMS 110-16-7 CMS C4 84 04

Double bond geometry as sho

802C Z

38 262442-51-3 CAPUS 27 78-Pyrrolo[2,3-6]pyrinidin-4-amine, 7-[cis-4-[3%]-3-[dinethylanino]-1-pyrrolidiny1[syclohexyl]-5-[4-phenoxyphenyl]-, [22]-2-butenedicate [1:3] [CA INDEX MOME]

CM 1

CRS 262442-50-2 CMF C30 836 N6 O

Shanlute stereochemistry

L5 ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 2 CMM 110-16-7

Double bond geometry as shown.

802C g

PB 262442-53-5 CAPLUS CR 78-Pyrcolo(2,2-d)pyrinidin-4-anime, 7-[trans-4-[283-2-(dinethylamino)-1 pyrrolidiny]]pyriohenyl]-5-[4-phenosyphenyl)-, (22)-2-bwtenedicate (1:3) (CA 1000K 1986)

CN 1 CNN 262442-52-4 CNP CNO 836 N6 O

Absolute stereochemistry

15 ARSMER 9 OF 25 CAPLIES COPYRIGHT 2007 ACS on STN (Continue

CM 2

louble bond geometry as shown.

NO20 2

23 N2442-55-7 CAFLUS CN 78-Pyrrolo(2,7-d)pyrinidin-4-anine, 7-[cis-4-[38)-3-(dinethylanino)-1-pyrrolidinyl)cyclobesyl)-5-(4-phenoxyphenyl)-, [28)-2-butenedicate (1:3) (CN INDEX NAME)

ON 1 CRS 262442-54-6 ONE CIO RIG NG O

Absolute stereochemistry.

LS AMEMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CN 2

louble bond geometry as shown

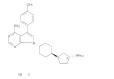
BO2C E

IN 262442-57-9 CARLES
CN 78-Pyrrolo[2,3-d]pyrinidin-4-anine, ?-[trans-4-[{78})-2-(dimethylanino)-1pyrrolidinyl]cyclobesyl]-5-(4-phenoxyphenyl)-, (28)-2-butenesicate (1/3)
(CA NORE NMES)

CN 1 CEN 262442-56-8 CNF CN0 EN6 NG O

Absolute stereochemistry.

15 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM (Continued)



Double bond geometry as shown

1020 2

NB 262442-59-1 CAPL/S CB 78-Pyrclo[2,3-d]pyrindin-4-anime, 7-[ois-4-[4-(nethoxymethyl)-1spheratz]pyrlohesyl]-5-(4-phenoxyphenyl)-, [22)-2-butnedicate [1:7] (CA 105EK NOME)

CRS 262442-50-0 CMF C30 B36 N6 02

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM (Continued)



CRN 110-16-7 CRP C4 84 04

Double bond geometry as shown.

802C 2

NN 262442-60-4 CAPLUS
CH Cyclobramacetenirile, 4-[4-animo-5-[4-phenoxyphenyl]-7H-pyrrolo]2,3-djpyrnidin-7-J2-l-bytroxy-, cia- (CA INGEX NAME)

15 ARSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

9N 262442-61-5 CAPLUS CN 7E-Pyrroio[2,3-d]pyrinidin-4-anime, 5-(4-animo-3-fluorophenyl)-7-[4-(

C3 Bearenesulfonamide, N=(4-[4-amino-7-[cis-4-(4-methyl-1paperarinyl)cyclobexyl)-78-pyrrolo[2,3-d]pyrimidin-5-yl)-2-fluorophenyl)-4fluoro- (CA INDEX NAME)

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continue

r C

Double bond geometry as shown.

CN Benzeneaulfonamide, N-[4-[4-amino-7-[trans-4-[4-methyl-1-

psperaziny1)cyclohexy1]-7#-pyrrolo[2,3-d]pyramidin-5-y1]-2-fluoropheny1]-4

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L5 AMEMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
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NN 262442-63-7 CAPLUS CN Benzenezulfomanide, N-[4-[4-amino-7-[cis-4-[4-methyl-1-

piperariny1)cyclobexy1)-78-pyzrolo[2,3-d]pyzinidin-5-y1]-2-fluoropheny1)-4fluoro-, (22)-2-butenedicate (1+3) (CA INDEX NUME)

CN 1

CRN 262442-62-6 CMF C29 N33 F2 N7 C2 S

CRN 262442-64-8 CMF C29 R33 F2 N7 O2 S Relative stereochemistry.

CRN 110-16-7 CRP C4 R4 O4 Double bond geometry as shown.

15 AMSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

201442-78-4 CAPLUS Destanide, -(4-animo-7-(4-oxocyclobexyl)-78-pyrrolo[2,3-d]pyrinidis-5-yl)-2-mentoxyphenyl)- (CA INDEX NAME)

262442-80-8 CAPL/8 Capture Code (American Code (American Capture Code (American Capture Captur

CM 3 CMN 262442-79-5 CMP C32 M39 N7 03

ANNUER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

262442-83-1 CAPLUS Benzenssulfonanido, N-[4-[4-amino-7-[trans-4-[4-methyl-1-

piperazinyl)cyclobexyl]=78-pyzrolo[2,3-d]pyzinidin=5-yl]=2-fluorophenyl]=2-(rzifluoromethoxy)-, [22)-2-butenedioate (1:3) (CA INDEX NOME)

CH 1

CMM 262442-82-0 CMM C30 M33 F4 N7 C3 S

Relative stereochemistry.

ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

RN 262442-81-9 CAPLUS
CR Benzantós,
R-[4-[4-anino-7-[trans-4-(4-methyl-1-piperarinyl)cyclobexyl]-7Hpyrrolo[2,7-d]pyr inidis-5-yl]-2-methoxypbenyl]- (CA RMEE NAME)

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN PAGE 1-A

CRN 110-16-7 CMF C4 B4 O4

Double bond geometry as shown

FM 262442-85-3 CAPLUS CN 2-Thiophenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-methy1-1-

piperaziny1)cyclobexy1]-78-pyrrolo[2,3-d]pyrimidin-5-y1]-2-fluoropheny1]-5ohloro-, (28)-2-butenedicate [1:3] (CA INDEX NOME)

13 ANDREA 9 OF 25 CANSUS COMPSIZED 2007 ACG on ETM (Continued)
On 1 CANSULANCE OF 90 CE 25
Politive storouchemistry,
FACE 1-A

Double bond geometry as shown.

15 ANNAER 9 OF 25 CAPIUS COPPRISHT 2007 ACS on STRE (Continued)
FACE 2-A

CM 2 CM21 110-16-7 CMGC C4 84 04

louble bond geometry as shown

23 262442-23-1 CAPL/DS
28 Rentensewlfomanide, N=[4=[4-anino-7-[trans-4-[4-nethyl=]-puperaxinyl]oyolobay]]-7B-pyrrolo[3,3-d]pyrfinidin-5-yl]-2-fluorophenyl]-2,3-duolhoro-, (23)-2-buntendeduct [13] (CA. 1993X 1993S)

CM 1 CM2: 262442-90-0 CMC C29 M32 C12 F N7 02 S Relative stereophenistry. 15 AMERICA 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continued)

802C 3 CO28

RR 262442-88-6 CAPLUS CN BenzementConside, N-[4-[4-amino-7-[trans-4-(4-methyl-1-

piperariny1)cyclohexy1]-78-pyrrolo[2,3-d]pyrinidin-5-y1]-2-flworopheny1]-2ehloro-4-flworo-, (23)-2-butenedicate (1:3) (CA IRREX NAME)

CM 1 CES 262442-07-5

CER 262442-07-5 CMF C29 B32 C1 F2 N7 G2 S

Relative stereochemistry.

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CRS 110-16-7 CRS 04 84 04

Double bond geometry as shown.

802C 2

EN 262442-93-3 CAPLUS
CN Benzenezulfonanide, N-[4-[4-amino-7-[ciz-4-[4-methyl-1-

piperaziny1)cyclobexy1]-78-pyrrolo[2,3-d]pyrinidin-5-y1]-2-fluoropheny1]-2ohloro-4-fluoro-, (22)-2-butenedicate (1:3) (CA IMBEX NAME)



CM 1 CBM 262442-94-4 CMF C29 B32 F3 N7 G2 S PAGE 1-A L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 MCS on STN (Continued) PAGE 1-A PAGE 2-A CRN 110-16-7 CMF C4 B4 O4 Double bond geometry as shown.

NN 262443-00-5 CAPLUS CN 2,1,3-Benrothiadiarole-4-sulfonunide, N-[4-[4-anino-7-[trans-4-(4-methyl-1-

paperazanyl)cyclobexyl]-78-pyrrolo(2,3-d)pyrimadam-5-yl]-2-floorophenyl)-,

OH 1

CRE 262442-96-6 CRE C29 N32 F3 N7 O2 S Relative stereochemistry.

15 ARSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (22)-2-buteredicate (1:3) (CA INDEX NAME) (Continued) OH 1 CM1 262442-99-9 CMF C29 M32 F N9 O2 S2 PAGE 1-A

Double bond geometry as shown.

15 AMMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM PAGE 2-A

CR21 310-16-7 CRF C4 84 04

Double bond geometry as shown.

NN 262443-05-0 CAPLUS CN Benzenesulfonanzde, N-[4-[4-amino-7-[cis-4-(4-methyl-1-

piperarizy1)cyclobexy1)-7%-pyrrolo(2,3-d)pyrinidin-5-y1)-2-fluoropheny1)-2-nirro-, (22)-2-bytenedicate (2:3) (CA INDEX NAME)

CM 1 CMS 262443-04-9 CMF C29 833 F NS 04 8

Relative stereochemistry.

L5 ANSMEN 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

262443-03-8 CAPLOS
Benzenezifosanide, N=[4-[4-anino-7-[trans-4-[4-methyl-1-piprarinity]cyclohesyl]-7H-pyrrolo[2,3-d]pyrinidys-5-yl]-2-fluorophesyl]-2,3,4-trifluoro-, (22)-2-buteneduate [1:5] [CA_NHEEN SUME]

CH 1 CMM 262443-02-7 CMF C29 H31 F4 N7 C2 S

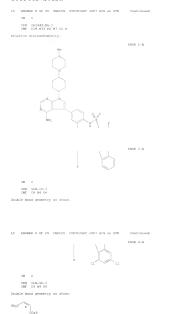
Relative stereochemistry.

15 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) PAGE 1-A

CRN 110-16-7 CMF C4 84 04 Double bond geometry as shown.

262443-07-2 CAPLUS Benzenarulfonanide, N-[4-[4-amino-7-[cix-4-[4-methyl-1-

piperaziny1)cyclobexy1]-78-pyrrolo[2,3-d]pyrinidin-5-y1]-2-fluoropheny1]-2-fluoro-, (25)-2-butenedicate [1:3] (CA INDEX NOME)



262443-11-8 CAPLMS
Benzenesulfonanide, N-[4-[4-amino-7-[ois-4-(4-met)y]-]paperansylloyolobesyl]-78-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]2,6-duchloron, [22)-2-burneeddoate [1:3] [CA. IMDEX.MMED.

38 262443-69-4 CARLAS CR Benrensulfomanide, N-[4-[4-anno-7-[cis-4-[4-methyl-1-piperathyl)epibhexyl]-TH-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2,4,4-trichioro-, [22)-2-bstemedicate [1:3) (CA IMEAN ROWN) CMR 262443-08-3 CMP C29 B31 C13 F N7 C2 S PAGE 1-A L5 ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) PAGE 1-A PAGE 2-A CRN 110-16-7 CMF C4 84 04 Double bond geometry as shown.

393 262443-13-0 CAPLUS
CN Bentement/Commission, N-[6-[4-anino-7-[cix-6-[4-sethyl-1piperaxinyl)cyclobexyl]-78-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-2chloro-, (22)-2-buteedisate (13) (CA TROEK 19ME)

CRR 262443-10-7 CRF CRP RT2 CL2 F NT O2 S Relative stereochemistry.



PAGE 2-A

CRS 110-16-7 CRF C4 84 04 Double bond geometry as shown.

(Continued) PAGE 2-A

20 262443-17-4 CAPLUS CB 2-Thicoheresulforanide, N-|4-|4-anizo-7-|0]s-4-|4-methyl-|piperaziny1)eyelohexy1]=78-pyrrolo[2,3-d]pyrinidin-5-y1]=2-fluoropheny1]=5chloro-, (22)=2-bytemedicate (3:2) (CA INDEX NAME)

CM 1 CR20 262443-16-3 CMF C27 871 C1 F N7 O2 82 Relative stereochemistry.

NN 262443-15-2 CAPLUS CN Benzemerulfommide, N-[4-[4-mmino-7-[cir-4-[4-methyl-1-

piperaziny1)cyclobexy1]-78-pyrrolo[2,3-d]pyrinidin-5-y1]-2-fluoropheny1]-3-fluoro-, (22)-2-butesedioate [312] (CA INDEX NAME) CH 1

CMM 262443-14-1 CMF C29 M33 F2 M7 C2 S

Relative stereochemistry.

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) PAGE 1-A

CN 2 CRR 110-16-7 CMF C4 84 04

Double bond geometry as shown

EN 262443-19-6 CAPLUS CN Benzenszulfomanide, N-[4-[4-amino-7-[ciz-4-(4-methyl-1piperaziny1)cyclobexy1]-78-pyrrolo[2,3-d]pyrimidin-5-y1]-2-fluoropheny1]-4-bromo-2,5-difluoro-, (ZE)-2-butenedicate (1:3) (CA INDEX NOWE)

15 AREMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN CM 1 CBB 202443-10-5 CBB C29 B31 Bx F3 N7 O2 S

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CR21 110-16-7 CRF 04 84 04 Double bond geometry as shown.

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PAGE 2-A

Double bond geometry as shown.

NN 262443-23-2 CAPLUS CN Benzenesulfonanide, N-[4-[4-anino-7-[cis-4-(4-methyl-1-

piperarizy1) cyclobexy1) - 7% - pyzrolo(2, 3-d)pyzinidin-5-y1] -2-fluoropheny1) -2iodo-, (22)-2-butenedioate (1:3) (CA INDEX NAME)

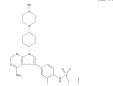
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Relative stereochemistry.

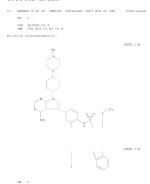
CM 1 CBS 262443-20-9 CMF C29 B32 C1 F2 N7 G2 S

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15 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM PAGE 1-A



CRN 110-16-7 CMF C4 B4 O4 Double bond geometry as shown.





CRS 110-16-7 CRF C4 84 04 Double bond geometry as shown.

202 262443-29-8 CAPLUS CN Benzeneswifomanide, N-[4-[4-amino-7-[0is-4-(4-met)/v]-]-

piperaziny1)eyelohexy1]=78-pyrrole[2,3-d]pyrimidin-5-y1]=2-fluoropheny1]=2chloro-6-methyl=, (22)=2-butenedicate (1:3) (CA INDEX NAME)

CM 1 CR21 262443-28-7 CMF C30 H35 C1 F N7 C2 S

Relative stereochemistry.

CMR 262443-26-5 CMF C29 M32 C12 F N7 O2 S

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L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) PAGE 1-A

PAGE 2-A

CRN 110-16-7 CMF C4 B4 O4 Double bond geometry as shown.

EN 262443-31-2 CAPLUS CN Benzenezulfommide, N-[4-[4-amino-7-[ciz-4-(4-methyl-1-

piperaziny1)cyclohexy1]-78-pyrrolo[2,3-d]pyrimidin-5-y1]-2-fluoropheny1]-2ohloro-4-oyano-, [28)-2-butenedicate [1:3) (0A NDEX NNE)



CRS 110-16-7 CRF C4 84 04 Double bond geometry as shown.

(Continued) PAGE 2-A

Double bond geometry as shown.

262442-37-8 CAPLUS Benzensyiftoannie, N=[4=|4-anino-7-|cis-4-(4-methyl=]= piperazinyl)cyelobexyl]-78-pyrrolo[2,3-d]pyrinidin-5-yl]-2-floorophenyl]-3,4-dzflooro-, (22)-2-butenedioate (2:2) (CA INDEX NAME)

CMF 262443-36-7 CMF C29 H32 F3 N7 O2 8

Relative stereochemistry.

CMM 262443-33-4 CMF C29 H31 F4 N7 O2 S

PAGE 1-A

15 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) PAGE 1-A

PAGE 2-A

CN 2

EN 282443-40-3 CAPLUS CN Benzenerulfonanide, N-[4-[4-anino-7-[cir-4-[4-methy1-1piperaxinyl)oyolohexyl]-78-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-4-

AREMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) broso-2-flooro-, (22)-2-butenedicate (1:3) (CA INDEX NUME) CH 1

CBS 262443-39-0 CBS C29 B32 Bx F2 M7 O2 B

PAGE 1-A

CM 2 CR20 110-16-7 CMF C4 84 04

Double bond geometry as shown.

PAGE 2-A

CM 2

Double bond geometry as shown

222 262443-44-7 CANUTS
CD Bearenewifomansde, N-[4-[4-anino-7-]cfa-4-[4-nethyl-1-]
piperaxanyl/oyelohexyl]-78-pyrrolo[2,3-d]pyrinidin-5-yl]-2-fluorophenyl]2,4-duchlorov-, (25)-2-buteneducate (13) (CA NDEK NME)

CR2 262443-43-6 CRF C29 R32 C12 F N7 O2 S

Relative stereochemistry.

ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

PN 262443-42-5 CAPLUS CN 2-Thiophenesulfonamide, N-[4-[4-animo-7-[ciz-4-[4-methyl-1-

rainyl)cyclobexyl]-7M-pyrrolo[2,3-d]pyrimidim-5-yl]-2-fluorophenyl]-5-brono-, (25)-2-butemedicate (1:3) (CA INDEX NAME) CH 1

CES 262443-41-4 CMF C27 831 Ex F N7 C2 S2

Relative stereochemistry.

PAGE 1-A

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) PAGE 1-A

PAGE 2-A

CRN 110-16-7 CMF C4 B4 O4

Double bond geometry as shown.

15 AREMER 9 OF 25 CAPLIS COPYRIGHT 2007 ACS on STN (Continued) CM 1 CR21 262443-46-9 CMF C19 H31 C13 P N7 O2 S

PAGE 1-A

Double bond geometry as shown.

(Continued)

CM 2

Double bond geometry as shown.

piperarinyl) cyclohexyl] -78-pyrrolo[2,3-d]pyrinidin-5-yl]-2-fluorophenyl]-,
[22)-2-bytenedicate (1:3) (CA INDEX NAME)

CRN 262443-50-5 CRF C29 H32 F N9 02 82

CM 1 Relative stereochemistry. ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

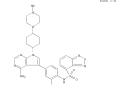
CM 1

CES 262443-48-1 CMF C27 870 Bg C1 F N7 OR S2

PAGE 1-A



L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) PAGE 1-A



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CRN 110-16-7 CMF C4 N4 O4

Double bond geometry as shown.

262443-53-8 CAPLUS 2,1,3-Benzowadiazole-4-sulfomanide, N-[4-[4-amino-7-[eis-4-(4-methyl-1piperazinyl)cyclobexyl]-78-pyrrolo[2,3-d]pyrinidin-5-yl]-2-flworophenyl)-, (22)-2-butamedicate (1:3) (CA IRMEX NAME)

CN 1 CRN 262443-52-7

L5 AREMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) CMF C29 H32 F NF O3 S

Relative stereochemistry.

PAGE 1-A

CM 2
CMM 110-16-7
CMM C4 M4 C4
Double bond geometry as shown.

PS 262443-55-0 CAPLUS CN 2,1,3-Benzoxadiazole-4-sulfonanide, N-[4-[4-amino-7-]dis-4-[4-methyl-l-

15 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM (Continued CS1 110-16-7 CHF C4 84 C4

Double bond geometry as shown.

802C S CO2E

383 262443-57-2 CAPUTS
2 2,1,3-Semrothidatole-4-sulforantie, N-[4-[4-anixo-7-[dis-4-[4-methyl-1 paperatinyl] dyclobesyl]-78-pyrrolo[2,3-d]pyrinidis-5-yl]-2-fluorophenyl]-7-

CM 1 CMM 262443-56-1 CMM CM0 MM4 F NM O2 S2

Relative stereochemistry.

PAGE 1-A

L5 ANEMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM (Continued) piperaxinyllyciolossyll-78-pyrrolo[2,3-d]pyrimidis-5-yll-2-filorophenyll-7chloro-, [28]-2-bursedicate [1,27] (CA TROKE RMW)

CH 1 CHH 262443-54-9

CBH 262443-54-9 CMF C19 H31 C1 F N9 G3 S

PAEL 1-A

FACE 2-A

1.5 ANHMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM (Continued)

FAGE 2-A

Ne N S

CMP C4 H4 O4 Double bond geometry as shown.

802C 2 CO28

M 262443-59-4 CAPLUS CR 2,1,3-Semothiadiatole-4-sulfomanide, N-[4-[4-animo-7-[cis-4-(4-nethyl-1-piperarmy])-yclobaxyl]-7R-pyrolo[2,3-d]pyrinidim-5-pl]-2-flworophanyl]-5-nethyl-(22)-2-bursediotate [11] (CA NDGU NUH)

ON 1 CRN 262443-58-3 CMF C30 834 F N9 02 82

CMF C30 H34 F N9 O2 Relative stereochemistry.





Double bond geom

NN 262443-63-0 CAMUUS
CM Renzeresulforanide, N-14-14-animo-7-16is-4-14-methyl-1

piperaziny1)cyclohexy1)-7%-pyrrolo(2,3-d)pyrinidin-5-y1)-2-fivoropheny1)chloro-2-methy1-, (22)-2-bretenedicate (1:3) (CA INDEX NOME)

CM 1 CMM 262443-62-9 CMF C30 M35 C1 F N7 O2 S

Relative stereochemistry.

802C 3 CO2

2022443-61-8 CAPLUS CR 2,1,3-Benrothiadiarole-4-sulfommide, N-[4-[4-mimo-7-[cis-4-(4-methyl-1-mimo-7-]cis-4-(4-methyl-1-mimo-7-[cis-4-(4-methyl-1-methyl-

chiperazinyl)cyclohexyl]-78-pyrrolo[2,3-d]pyrimidim-5-yl]-2-fluorophenyl]-5chloro-, (28)-2-butemedicate (1:3) (CA INDEX NAME)

CH 1 CHR 262443-60-7

CRN 262443-60-7 CNF CL9 RS1 CL F N9 G2 S2 Relative stereochemistry.

PACE 1-A

L5 ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
PAGE 1-A

C1 PAGE 2-A

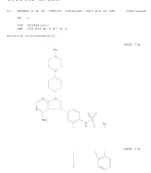
, ,

CRN 110-16-7 CRF C4 84 04 Double bond geometry as shown.

8020 3

RN 262443-65-2 CAPLUS CN Benzenezulfonanide, N-14-14-amino-7-1ciz-4-14-methyl-1-

piperaziny1)cyclohexy1]-78-pyrrolo[2,3-d]pyrimidin-5-y1]-2-fluoropheny1]-2 brono-, (22)-2-bitenedicate (1,3) (CA DDEX NPME)



CRS 110-16-7 CRF C4 84 04 Double bond geometry as shown.

(Continued) PAGE 2-A

Double bond geometry as shown.

92 262443-69-6 CAPLUS
C3 Benzementhaneswilforancie, N-[4-[4-amino-7-[cis-4-(4-methyl-1-

piperarizy1)cyclobexy1]-7%-pyzrolo[2,3-d]pyzimidin-5-y1]-2-fluorophexy1]-2-nirro-, (22)-2-brtezedioate [3:3) (CA INDEX NAME)

CM 1

CMN 262443-68-5 CMF C30 H35 P NS 04 S

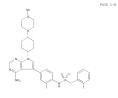
Relative stereochemistry.

NN 262443-67-4 CAPLUS
CN Bestonesulfonanide, N-[6-[4-anixo-7-[cis-4-(4-nethyl-1-piperaring)]cyclobsyl]-78-pyrrolo[2,3-d]pyrinidin-5-yl]-2-fluorophen
2,5-dihropo-3,6-difluoro-, [22]-2-butenedicate [113] (CA INDEX NUME)

CBN 262443-66-3 CBN C29 830 Br2 F3 N7 C2 S

PAGE 1-A

15 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



PAGE 2-A

CRN 110-16-7 CMF C4 84 04

Double bond geometry as shown.

EN 262443-70-9 CAPLES
CN 1-Piperazinecarboxinsidande, 4-[eis-4-[4-aniso-5-(4-phenosyphenyl)-78-pyrrol(2/3-d)pyrinidis-7-ylloydobesyl)- (CA INDEX MARE)

LS AMSMER 9 OF 25 CAPLIES COPYRIGHT 2007 ACS on STN (Continued)

102443-71-0 CAPLUS 1-Piperarinecurboximidanide, 4-[trans-4-[4-anino-5-[4-phen pyrrolo[2,3-d]pyrimidin-7-yl]cyclohexyl]- (CA INDEX NAME) Relative stereochemistry.

929 262443-73-2 CAPLUS

15 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM (Continued)

262443-75-4 CAPLUS β-Alanine, N-[4-[4-amino-5-[4-phenoxyphenyl])-76-pyrrolo[2,3-d]pyrinidim-7-yl]cyclohexyl]- (CA INDEX NUMB)

CN 1

CR21 262443-76-5 CNF C29 H33 NS OS

ANEMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM (Continued) 7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[trans-4-[nethyl]2-(2-pyridinyl)ethyl]amino[cyclohexyl]-5-(4-phenoxyphenyl)-, (22)-2-butemedicate (1:3) (CA INDEX RUME)

CH 1 CMM 262443-72-1 CMF C32 H34 N6 O

CN 2 CRS 110-16-7 CNF C4 B4 O4

Domble bond geometry as shown.

PRN 262443-74-3 CAPLUS
CN [P-Alanine, N-[cis-4-[4-anino-5-[4-phenoxyphenyl)-78-pyrrolo[2,3-d]pyrinidin-7-pilyelobexyl]- (CA INDEX NAME)

ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CN 2 CHN 110-16-7 CMF C4 84 04

RE 262442-78-7 CAFLUS CR Acetonitrile, [4-[4-animo-5-[4-phenoxyphenyl)-78-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohoxylidems[-[9CI] (CA INDEX NOME)

RN 262443-79-8 CAPLUS

15 ARRIMER 9 OF 25 CAPUTS COPPRIGHT 2007 ACS on STM (Continued)
CH Acetic acid,
[4-(4-anino-5-(4-phenoxyphenyl)-7%-pyrrolo[2,3-d]pyrinidin-7yll(yclobayylidens), 1,3-dinethylathyl axter (SCI) (CA INDEX NAME)

NN 262443-89-1 CAPARS CN Acetic acid, |4-(4-anno-5-(4-phenoxyphenyl)-7E-pyzrolo[2,3-d]pyzinidno-7-|yl|cyclobacylidene|-, ethyl exter (SCI) (CA INDEX NAME)

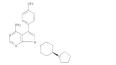
262443-82-3 CAPLUS 78-Pyrroio[2,3-4]pyrrnidin-4-anise, 7-[4-(2-anisoethyl) cyclobexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)

LS ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

262443-83-4 CAPLUS Cyclobeaneacetc acid, 6-[4-anino-5-(4-phenoxyphenyl)-7E-pyrrolo[2,3-d)pyrinidin-7-yl]- (CA INDEX NAME)

262443-84-5 CAPAUS
78-Pyrrolo[2,3-d]pyrinidin-4-amize, 5-(4-phenoxyphenyl)-7-[trans-4-(1-pyrrolidinyl)cyclobexyl)- (CA INDEX NAME) Relative storeochemistry.

AMSNER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



38 262443-86-7 CAPAUS CN 1,2-trhanediamine, N-[tran-4-[4-amino-1-(4-phenoxyphenyl)-7M-pyxrolo[2,3-d]pyxindimin-7-y1cyclohexyl]-N,N',N'-trimethyl-, (2X)-2-butenedioate (9CI) (CA INDEX NAME)

CM 1 CR21 262443-85-6 CREF C29 R36 NS O

Relative stereothenistry.

CRN 110-16-7 CMF C4 B4 O4 Page 118

15 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) Double bond geometry as shown.

262443-87-8 CAPLUS
78-Pyrrolo[2,3-d]pyrinidin-4-anine, 7-[trans-4-(4-ethyl-1piperariny)-cyclobexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)

262443-88-9 CAFLUS 7H-Pyrrolo[2, 2-d]pyrinidin-4-anime, 5-(4-phenoxyphenyl)-7-[trans-4-(1-pyrrolodinyl)-yelohezyl]-, (28)-2-butemedioate (1:2) (CA INDEX WME) OH 1

CRR 262443-84-5 CMF C28 H31 N5 O

ARSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

Double bond geometry as show

2B 36:444-96-3 CALUM CB 78-997 (alof 2, religips inidin-4-unine, 7-(trans-f-thealpyto-4-nethyl-38-1,4-(CA inapin-1-y1)cyclobay1)-5-(4-phenoxyphenyl)-, dihydrochloride (9CI)

INDEX NUMBER Relative stereochemistry. ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

262443-93-6 CAPAUS
7E-Pyrrolo[2,3-d]pyrinidin-4-anize, 7-{trans-4-(4-ethyl-1-piperaninyl)cyclobexyl)-5-(4-phesoxyphenyl)-, (22)-2-butenedioate (1:3)
(CA INDEX NOME) CN 1

CMN 262443-87-8 CMF C30 B36 N6 O

Relative stereochemistry.

15 ANSWER 9 OF 25 CAPLIS COPYRIGHT 2007 ACS on STN (Continued)

Double bond geometry as shown

262443-95-8 CAPLUS 78-Pyrolo[2,3-d]pyranddn-4-anime, 7-[cis-4-[4-ethyl-1-pperazinyl]cyclobexyl]-5-(4-phenoxyphenyl)-, (22)-2-butenedioate (1:3) (CA_INDEX_NAME)

CM 1

CR21 262441-75-8 CREF CR0 RR6 NS O

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

262443-98-1 CAPLUS
78-Pyrrolo[2,3-d)pyrinadin-4-amine, 7-[trans-4-(18,48)-2,5-diarabicyclo[2,2,1]hept-2-ylcyclohexyl]-5-(4-phenoxyphenyl)-, rel-, (22)-2-betezeddoate (1:3) (SC1) (CA INDEX WARE)

CM 1 CRN 262443-97-0 CMF C29 B32 N6 O

Relative stereochemistry

CRR 110-16-7 CMF C4 B4 O4

282444-00-8 CAPLUS
7H-Pyrrolo[2,3-d]pyrundin-4-anise, 7-[cir-4-(1F,4E)-2,5-dinahtcyclo[2,2,1]hept-2-ylcyclobasyl[-5-(4-phenosyphenyl)-, rel-, [28)-2-butchedinate [1,13] [9C1] (CA_RUBCK_SUME)

15 AREMER 9 OF 25 CAPLES COPYRIGHT 2007 ACS on STR (Continued)
CH 1

CM1 262443-99-2 CMF C29 832 N5 O

CHF C29 832 88 0

CMS 110-16-7 CMS C4 84 04

E020 E

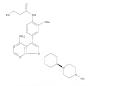
RN 262444-01-9 CAPAUS CN Benzemepropanamide, N-[4-[4-amino-7-[dis-4-[4-methyl-1-

piperazinyl)cyclohexyl)=78-pyrrolo[2,3-d]pyrinidin=5-yl]=2-methoxyphenyl]-, [22)=2-bitemedicate [1:3] (CA INDEX NAME)

CM 1

CRN 262442-22-8 CMF CRR N7 02

15 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



28] 262444-03-1 CAPL/95 CB Benzengropanamide, N-{4-{4-mino-7-[trans-4-(4-methyl-1piperazinyl) cyclokesyl)-78-pyrrolo[2,3-d]pyrinidin-5-yl]-2-methoxyphenyl]-, [22-3-2-bytenedocate [1:3) (CA INDEX NUME)

CM 1

CRN 262444-02-0 CRF C33 H41 N7 O2 Relative stereochemistry. 15 ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) Relative stereochemistry.

CN 2 CNN 110-16-7

Double bond geometry as shown.

302C 8 CO28

IN 262444-02-0 CAPLUS
CN Bearangropannide, N-[4-[4-anizo-7-[trans-4-[4-methyl-1piperasinyl)yoplobasyl]-78-pyrrolo[2,3-d]pyrinidin-5-yl]-2-methoxyphenyl](CA INDEX BME)

Relative stereochemistry

15 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CH 2 CHR 110-16-7 CHF C4 H4 O4

Double bond geometry as shown

802C 8 CO28

PM 262444-05-3 CMPLOS CM 78-Pyrrolo()-7-d[pyrinidin-4-anine, 5-(4-anine-3-methoxypheny1)-7-[cis-4-(4-methy1-1-appersasyN)oyolohesy1]- (CA INDEX NUME) Rolative stereochemistry.

LS AMSMER 9 OF 25 CAPLIES COPYRIGHT 2007 ACS on STN (Continued)

262444-06-4 CAPLUS TR-Pyxxolo(2,3-d)pyxnnidin-4-anine, (4-anino-3-methoxyphenyl)-7-[trans-4-(4-nethyl-1-piperarinyl)cyclobexyl)- (CA INDEX NAME) Relative stereochemistry.

262444-07-5 CAPLUS CyclobrazzacectoStrile, 4-[4-anino-5-(4-phenoxyphenyl)-78-pyxrolo[2,2-d]pytindin-7-yl]-1-hydroxy-, trans- (CA INDEX NAME)

L5 ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continued) Relative storeochemistry.



332 262444-08-0 CAPLUS CH Carbanic soid, [4-[4-mino-7-[clis-4-(4-methyl-1-piperarinyl)cyclobasyl]-7B-pyrcolo[2,3-d)pyrimidis-5-yl]-7-methoxyphasyl]-7 phenylmethyl exter, (22)-2-brasedoctes [13] [82] (CA JUNEA 1008)

CH 1 CMR 262444-67-7 CMP C32 839 N7 O3

Relative stereochemistry.

AMBRER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continued)

CO2H

CM 2

ICA INDEX NAME)

CM 1

ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CMM 110-16-7 CMF C4 H4 O4

262444-71-3 CAPLUS
Remrentrile, 2-[4-[4-animo-7-[cis-4-(4-nethyl-1-piperarinyl)cyclobexyl]78-pyrrolo[2,2-d]pyrandam-5-yl]phenoxyl-6-(8-nethoxygropyl)animo]-,
(22)-2-butchedicate (la3) (CA INDEX NAME)

CH 1

CRN 262444-70-2 CMF C34 H42 NO C2

Relative stereochemistry.



221 262444-73-5 CAPLOS
C3 Bancoitrile,
(2-4(-(-anis)-1-tran-d-(4-methyl-1-piperarinyl)cyclobeayl)(2-payrodof)-2-piperarinyl)cyclobeayl)(2-2-payrodof)-2-

15 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

242444-75-7 CAPLUS Regrontrile, 2-animo-6-[4-[4-animo-7-]cis-4-[4-methyl-1-piperarinyl) cyclohexyl]-78-pyrrolo[2,3-d]pyrinidin-5-yl]phenoxy]-, [22)-2-bytemedicate [1:3] (CA 1988X NAME)

CM 1 CR21 262444-74-6 CMF C30 M34 NE 0

Relative stereochemistry.

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15 ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) CN 1

CMR 262444-72-4 CMP C34 842 88 02

PAGE 2-A

Double bond geometry as shown

15 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continued) Double bond geometry as shown.

E CO28

262444-77-9 CAPLUS Benzenitrile, 2-amino-6-[4-[4-amino-7-[trans-4-(4-methyl-1-piperaxinyl)cyclobexyl]-78-pyzrolo[2,3-d]pyrimidin-5-yl]phenoxy]-, (22)-2-butenedicate (1:3) (CA INDEX NUME) CN 1

CRN 262444-76-8 CMF C30 H34 NB 0 Relative stereochemistry.

PAGE 2-A

AREMALR 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) CRN 110-16-7 OFF C4 R4 O4

262444-79-1 CAPLUS
Benzonitrile, 2=[4-[4-anino-7-[cis-4-(4-methyl-1-piperazinyl)cyclobexyl]-7g-pyriol(2, 3-d)pyrinidin-5-yl)phenoxy]-6-[(4-methylphenyl)thio]-, (25)-2-butteredicate (if 3) (CA INDEX NAME)

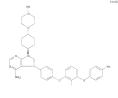
CMS 262444-78-0 CMS C37 839 N7 O 8

LS AMEMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) PAGE 2-A

Double bond geometry as shown

NN 262444-81-5 CAPL/85
CM Benconitrile,
2-{1-{-4-manon-r-{trans-4-{4-methyl-1-piperaxinyl)cyclobexyl}78-pyrrolo[2,3-d]pyrinidin-5-ylpbenoxyl-6-[4-methylpbenyl)thio]-,
(22)-2-brisendiotst [13) (CA INDEX NUME)

CMM 262444-80-4 CMM C37 M39 N7 O S Relative stereochemistry.



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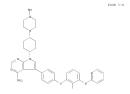
Double bond geometry as shown

262444-87-7 CAPATS

Benionitile, 2-[4-[4-anino-7-[0is-4-(4-nethyl-1-paperazinyl) cyclobexyl]78-pyrrolo[2,2-d]pyriminin-5-yl]phenoxyl-6-(2-pyridinylthio)-,
[22)-2-bettenedicate [1:2] (CA INDEX NAME)

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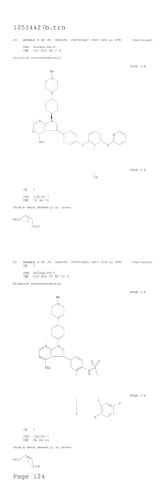
LS ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM (Continued) Relative stereochemistry.



PAGE 2-A

ON 2

PN 262444-85-9 CAPAUS
CN Benzonitrile,
2-[4-[4-minor-7-[trans-4-[4-methyl-1-piperariny]]cyclobazyl]7H-pyrrolo[2,3-d]pyrinidin-5-yl]phenoxyl-6-[2-pyridinylthio)-,
(Z2)-2-brendodate [123] (CA.HURK.M9ME)



b ANSMER 9 OF 25 CAPIJS COPYRIGHT 2007 ACS on STM (Continued)
1 2244-87-1 CAPIJS
1 2244-87-1 CAPIJS
1 278-Pyrro10-1 CAPIJS
1 278-Pyrro10-1 CAPIJS
1 278-Pyrro10-1 CAPIJS
1 288-1 CAPIJS
1 CN 1 CRN 262444-06-0 CNF CIO RIG NG O Relative stereochemistry. CMS 110-16-7 CMF C4 84 04 262444-59-3 CAPLUS
Bennensus[fosanide, N-[4-[4-anixo-7-[cis-4-(4-methyl-1piperaxisy])oyolohesyl]-78-pyrrolo[2,3-d]pyrinidin-5-yl]-2-fluorophenyl]2,5-difluoro-, [23]-2-butesedicate ([1:3] (C. INGEX NME) 15 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continued) 262444-91-7 CAPLUS Benzensulfomanide, N-[4-[4-amino-7-[trans-4-(4-methyl-1piperazinyl)cyclobexyl)-7E-pyrrolo[2,3-d]pyrinidin-5-yl]-2-flworophenyl]-2-nitro-, (22)-2-butenedicate (1:3) (CA IMMEX NAME) ON 1 CMN 262444-90-6 CMF C29 B33 F N8 C4 S PAGE 1-A PAGE 2-A

> ON 2 CRN 110-16-7 CMF C4 R4 O4

15 AREMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continued) Touble bond geometry as abown.

22 201444-93-9 CAPUS CN Benrenegulfonanide, N-[4-[4-smino-7-[trans-4-[4-methyl-1-

piperaxinylleyelohexyl]=78-pyrrolo[2,3-d]pyrinidin=5-yl]=2-flworophenyl]=2-flworo, [28)=2-butemediosis [1+3) (CA INDEX NAME)

CM 1

CA CLY ALS PL W CL .

L5 ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

PAGE 2-A

CM 2
CM2 130-16-7
CMF CM 84 04

Double bond geometry as shown.

38) N.1444-97-3 CAPLUS CE Beniemoulitoannide, N.-[4-[4-amino-7-[trans-4-[4-methyl-1-piperaximyk]cyclobasyl]-78-pyrrolo[2, 3-d]pyramidin-5-yk]-2-fuorophemyl]-2, d-dichloro-, (22)-2-butamedicite [113) (CZ INDEX MOME)

Page 125

L5 AMERICA 7 OF 25 CAPILIS COPYLIGHT 2007 ACS on STH (Continued)

PAGE 3-A

CM 2 CMM 110-16-7 CMM C4 84 04

Double bond geometry as shown.

38 262444-05-1 CAFLOS
38 Benzemariltonnide, N-[4-[4-mino-7-[trans-4-(4-methyl-1-piperarinyl)-perhenyl]-78-pyrrolo[2,3-d)pyrinidin-5-yl]-2-fluorophenyl]-2,4,6-trlehloro-, (23)-2-betenedicate (1:3) [CA REEX NAME]

CM 1 CEN 262444-94-0 CMT C29 E31 C13 F N7 G2 S Relative stereochemistry.

L5 ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) CH 1

CMM 262444-96-2 CMF C29 M32 C12 F N7 O2 S Relative stereochemistry.

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PAGE 2-A

CRN 2 CRN 110-16-7 CMP C4 R4 O4

Double bond geometry as shown

воде д

15 AMENDER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STRI (Continued)

NN 262444-99-5 CAPLES
CN Benrenerulfonanide, N-[4-[4-apino-7-[trans-4-[4-methyl-1-

piperarinyl)cyclohesyl]=78-pyrrolo[2,3-d]pyrinidin=5-yl]=2-fluorophenyl]=2-chloro-, [27)=2-butenedicate [1:3] (CA INDEX NAME)

ON 1 CRS 362444-98-4 ONE CS9 RS3 CL F N7 CS S

ON CZ9 RIS CI P N/ OZ

PAGE 1-A

F CM 2

15 ANSINER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continues

r r

CSN 110-16-7 CMF C4 E4 C4 Double bond geometry as shown

Nogo 2

32 262445-03-4 CAPLUS CD Benzenezulfommide, N-[4-[4-anino-7-[trans-4-[4-methyl-1-

psperazinyl)cyclokenyl)-78-pyrrolo(2,3-d)pyrimidin-5-yl)-2-fluorophenyl)-4promo-2,5-difluoro-, (22)-2-butenedioate (1:3) (CA INDEX NAME) CM 1

CR2 262445-02-3 CR2 C29 R31 Rr F3 N7 O2 S

CMS C29 H31 Rr F3 N7 G2 S Relative stereochemistry. L5 ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) CMR 110-16-7 CMF C4 R4 O4

Double bond geometry as shown.

802C 2

EN 262445-01-2 CAPLES CN Bearens sulforanide, N-[4-[4-anino-7-[trans-4-(4-methyl-1-

piperariny1)cyclobexy1]-78-pyrrolo[2,3-d]pyrinidin-5-y1]-2-fluoropheny1]-3fluoro-, [22)-2-butenedicate [112] (CA INDEX NAME)

ON 1 CMS 262445-00-1 CMF C29 B33 F2 N7 O2 B

CMF C29 E33 F2 N7 C2 B Relative stereochemistry.

PAGE 1-A

L5 ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN [Continued)
PAGE 1-A

PAGE 2-A

ON 2 CRN 110-16-7 CMF C4 84 04

Double bond geometry as shown.

BO2C 8 CO2B

PM 262445-05-6 CAPLUS
CN Benremarifonanide, N-[4-[4-anino-7-[trans-4-[4-methyl-1piperazinyl) cyclohenyl]-78-pyrrolo[2,3-d]pyrimdin-5-yl]-2-floorophenyl]-2-

15 AREMER 9 OF 25 CAPLUS COPPRIGHT 2007 ACS on STN (Continued)
 chloro-4-fluoro-, (ZZ)-2-interedicate (1:3) (CA INDEX NUME)
 CM 1

CMM 262445-04-5 CMF C29 M32 C1 M2 M7 G2 S

PAGE 1-A

PAGE 2-A

CM 2 CMS 110-16-7 CMF C4 84 04

15 AMSNER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continued)

PAGE 2-A

CM 2
CMS1 110-16-7
CMG7 C4 M4 O4
Duble bond geometry as shown

louble bond geometry as shown.

XO2C 2 CO2H

201 262445-09-0 CAPLUS
CN Benzeneswifomanide, N-[4-[4-amino-7-[trans-4-[4-methyl-1-

piperazinylloyolohexyl]=78-pyrrolo[2,3-d]pyrinidin=5-yl]=2-fluorophenyl]=2chloro-6-nethyl=, (23)=2-beteredicate (1:3) (CA INDEX NAME)

CM 1 CM2 262445-08-9 CMF CMO MM5 C1 F N7 O2 S

Relative stereochemistry.

15 AREMER 9 OF 25 CAPLES COPYRIGHT 2007 ACS on STN (Continued) Double bond geometry as shown.

воде в

FR 252445-07-0 CAPLUS
CN Benzenezulfomanide, N-[4-[4-anino-7-[trans-4-[4-methyl-l-

puperaziny1) cyclobexy1) = 78 - pyrrolo [2,3 - d)pyrinidin-5 - y1] = 2 - fluoropheny1] = 2 - lodo -, [25] = 2 - butenedioste [1:3] (CA INDEX NME)

ON 1

CRS 262445-06-7 CMF C29 833 F I N7 G2 S

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1.5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM (Continued)
FAGE 1-A

PAGE 2-A

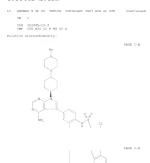
CN 2 CRN 110-16-7 CRP C4 R4 O4

Double bond geometry as shown.

8020 3

SI 262445-11-4 CAPLUS SI Benzenezulfonanide, N-14-14-amino-7-1trang-4-14-methyl-

piperaziny1)cyclohexy1]-78-pyrrolo[2,3-d]pyrinidin-5-y1]-2-fluoropheny1]-2ohloro-4-oyano-, [28)-2-butenedicate [1:3) (CA NBES NNE)



CBS 110-16-7 CBF C4 B4 C4 Double bond geometry as shown.

15 ANNUAL P OF 25 CAPAINS COPPRIANT SOOT ACS on STM. Constant

CR20 310-36-7 CMF C4 84 04 Double bond geometry as shown.

802C E CO28

RN 262445-15-8 CAPLUS CN Benzensulfonanide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-

paperarany1)cyclohexy1)=7%-pyrrolo(2,3-d)pyrimidin-5-y1)=2-fluoropheny1)=4brono-2-fluoro-, (22)=2-brtenedicate (3:3) (CA INDEX NAME)

CM 1 CMS 262445-14-7 CMF C29 M32 Mx F2 N7 O2 S

Relative stereochemistry.

1.5 ANEMER 9 OF 25 CAPLIS COPPRIGHT 2007 ACS on STRI (Continued)
102c g

382 245-12-6 CATMOS Bentereaulicannide, N-[4-[4-anixe-7-[tranz-4-[4-aethyl-1-piperathyl)-pclobsey1]-78-pyrrolo[7,7-d]pyrinidin-y-yl-7-fluoropheny1]-7,4-dilusor-e, [207-2-butteedchate [117] (CA BROEN MOME)

CN 1

CMN 262445-12-5 CMP C29 H32 F3 N7 O2 S

GM 025 152 15 W 0

PAGE 3-A

15 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

PAGE 1-A

PAGE 2-A

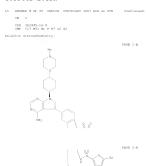
F

CRN 110-16-7 CRF C4 84 04 Double bond geometry as shown.

802C 2

S 2-Thiophenezulfonamide, N-[4-[4-amino-7-[tranz-4-(4-nethyl-1-

piperaziny1)cyclohexy1]-78-pyrrolo[2,3-d]pyrimidin-5-y1]-2-fluoropheny1]-5 brono-, (22)-2-interedicate (1,3) (CA DRES NAME)



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21 MEMBEROSCHICANING, 31-1-(Text)-1-(

CMM 262445-18-1 CMF C29 M32 C12 F N7 G2 S Relative stereochemistry.

FACE 3-A

L5 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continued)
PAGE 1-A

PAGE 2-A

CH 2 CRN 119-16-7 CRF C4 B4 O4 Double bond geometry as shown.

1020 3

HB 262445-23-8 CAPLAS
CR 2-Thiophenerulfonamide, N-[4-|4-animo-7-[trans-4-[4-nethyl-1-piperaxinyl] oyolohexyl]-78-pyrrolo[2,3-d]pyrimidin-5-yl]-2-Cleorophenyl]-3-

15 AREMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) brono-5-chloro-, (2%)-2-butenedicate (1:3) (CA INDEX NUME)

CH 1

CMM 262445-22-7 CMM C27 M30 Mx Cl M N7 G2 M2

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PAGE 1-A

CN 2

15 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STS (Continued)

CM 2 CMM 110-16-7 CMM C4 84 04

Double bond geometry as shown.

802C E CO28

202 202445-27-2 CAPADS CD 2,1,3-Benroxadiarole-(-sulfonanide, N-[4-[4-anino-7-[trans-4-(4-nethyl-1piperaninyl) cytolohenyl)-78-pytrolo [2,3-d]pytinidin-5-yl]-2-filorophenyl]-7chloro-, (22)-2-bytenedioate [1:3] (CA IMDEX NUME)

CM 1

CR20 262445-26-1 CREF C29 H31 C1 F N9 O3 S

Relative stereochemistry.

PAGE 1-A

L5 AMSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) Bouble bond geometry as shown.

802C 8 CO28

HR 32445-23-0 CARLES CR 2,1,3-Reniozadiarole-4-sulfonanide, N-[4-[4-anino-7-[trans-4-[4-nethyl-1-piperazinyl]] oyelobasyl] -78-pyrrolo[2,3-d]pyrindin-5-yl]-2-fleorophenyl]-, (22)-2-betsedicate (1:3) (CA IMMER NAME)

ON 1

CRN 262445-24-9 OMF C29 R32 F N9 O3 S Relative stereochemistry.

PAGE 1-A

L5 ANSAMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
PAGE 2-A

CM 2 CRN 110-16-7

Dominia hand managers as shown

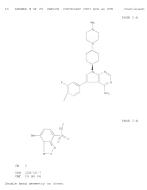
802C S

9N 262445-29-4 CAPLUS CN 2,1,2-Benrothiadiarole-4-sulfonamide, N-[4-[4-amino-7-[trans-4-[4-methyl-1-

piperazznyl) cyclobexyl]-78-pyrrolo[2,3-d]pyrimidin-3-yl]-2-fluorophenyl]-7methyl-, (22)-2-butemedicate (1:3) (CA INDEX NUME)

OH 1 CHN 262445-28-3 ONF C30 H34 F N9 02 S2

OMF C30 H34 F N9 O2 Telative stereochemistry.





RN 262645-31-8 CAPLUS CN 2,1,3-Benzothiadiazole-4-zulfomanide, N-[4-[4-animo-7-[trans-4-(4-methyl-1piperaziny1)eyelobexy1]=78-pyrrolo[2,3-d]pyrinidin=5-y1]=2-fluoropheny1]=5-methy1-, (22)=2-butexedicate (1:3) (CA INDEX NAME) CM 1 CRR 262445-30-7 CMF C30 R34 F R9 G2 S2 Relative stereochemistry. PAGE 1-A 15 ANSWER 9 OF 25 CAPLUS COPYRIGHT 1007 ACS on STN (Continued) PAGE 1-A PAGE 2-A CRN 110-16-7 CMF C4 84 04

RN 282445-35-2 CAPLES
CN Benzenesulfonannde, N-[4-[4-annno-7-[trans-4-[4-methy]-]-

L5 ANSMEN 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

15 AREMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

piperarizy1)cyclokexy1]=78-pyrrolo[2,3-d]pyrinidin-5-y1]=2-fisoropheny1]=3chloro-2-methy1-, (22)=2-butenedioate (1:3) (CA INDEX NAME)

CMM 262445-34-1 CMF C10 N15 C1 F N7 O2 S

Relative stereochemistry.

PAGE 2-A

CM 2 CMS 110-16-7 CMF C4 84 04

15 ANSWER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continued)

PAGE 2-A

CM 2 CM2 110-16-7 CMF C4 84 04

louble bond geometry as shown.

C028

202 424-29-6 CAPUTS (2) Besterseys[logaride, N=[4-[4-anino-7-[trans-4-[4-nethy]-1-puperatiny]]:99e]obesyl]-78-pyrrolo[2,3-d]pyrinidin-5-yl]-2-fivorophenyl 2,5-dibrono-3,6-difluoro-, [22]-2-butenedicate (1:3) [CA INDEX NAME)

CD21 262445-38-5 CD6F C29 N30 Nx2 F3 N7 O2 S

CMS C29 N30 Br2 F3 N7 C2 Relative stereochemistry. 15 AREMER 9 OF 25 CAPLES COPYRIGHT 2007 ACS on STN (Continued) Double bond geometry as shown.

BO2C 2 CO2B

FR 252445-37-4 CAPLUS CR Benzenezulfommide, N-[4-[4-amino-7-[trans-4-[4-methyl-1-

paperaranyl) eyelohezyl] = 78-pyrrolo [2,3-d]pyrinidin-5-yl] = 2-fluorophenyl] = 2-f

CN 1 CRS 262445-36-3 CNF C29 833 Rx F N7 G2 S

OMF C29 BJ3 Rr F N7 C2 S Relative stereochemistry.

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L5 ANSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
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PAGE 2-A

ON 2 CRN 110-16-7 CRF C4 84 04

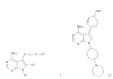
ao₂c s

38 262445-43-0 CARASS CB Benzementhararulforanide, R-[4-[4-aniso-7-[tranr-4-[4-nethyl-1-piperaxinylloyoloheayl]-78-pyrrolo[2,3-d]pyrinadis-5-yl]-2-fluorophenyl]-2-

CMN 110-16-7 CMF C4 84 04 Double bond memetry as shown.

AREMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN natro-, (22)-2-butenedicate (1:3) (CA INDEX NAME) OM 1 CMT 262445-40-9 CMF C30 835 F N8 04 B PAGE 1-A PAGE 2-A CM 2

ASSMER 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN Na[(λ cO)7388], workup and chromatog., gave cis—and WTM (Continued) and trans-II. AMEMEN 9 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN | | Continued



The title compds. I [A = [un]substituted 6-membered aromatic ring, 5-6 membered heteroaren. ring; L = 0, 8, 80, 902, etc.; G = a direct bond; (CS2) (wherein y = 1-6), alkewylene, cycloaklylene, osaakkylene; Ri = akkyl, cycloakkylen, binyeloakkylen, etc.; RZ = 8, akkyl, cycloakkyl, halo, etc.; RZ = 8, akkyl, cycloakkyl, halo, etc.; RZ = 8, akkyl, akkeyl, cycloakkyl, etc.) and physiol. acceptable

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L5 ANSWER 10 OF 25 CAPLUS
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DOCUMENT NUMBER: 138
TITLE: Crys
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2003/202767 CAPLUS
138/233995
Crystal structure of human protein tyrosine kinase
                                                                                                                                                                                                                                                                                                                                                               and its use for Jeneritzije indinators charai, Savid W. Caldemond, Newigh Esson, Stabes M., Bitter, Gavin C., Breniat, Petery Lowe, Andensay Leng, Mailane, Mitter, David Derry, Andensay Leng, Mailane, Mitter, David Der Zin. Appl., 594 39.

Facett, Appl., 594 39.

Taylah, Taylah
             INVENTOR(S):
             DOCUMENT TYPE:
LANGUAGE:
FAMILY ACC. NUM. COUNT:
PATENT INFORMATION:
                                                                           PATENT NO.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NO.
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| PATRICE | 10.0 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.
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17 262444-02-0D, complexes with Lok kinase catalytic domain 364042-47-7D, complexes with Lok kinase catalytic domain Rts EUU (Baological use, unclassified); PEP (Properties); TEU

El: BUU (BLOLOGICAL USE, Uncammanately, For Appendic Appendic use); EIOL (Blological study); (DEE (Uses) (orystal structure of Numan protein tyrosine kinase Lok and ats use for identifying inhibitors)

MN 262444-02-0 CAPLUS

SB Benzengeropananids, N-[4-[4-anino-7-[tranz-4-[4-methyl-1-

piperariny1)cyclohexy1]-78-pyrrolo[2,3-d]pyrimidin-5-y1]-2-methoxypheny1]-(CA INDEX NOME)

15 ANSMER 10 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

344042-47-7 CAPLUS 78-Pyrrolo[2,3-d]pyrinidin-4-anime, 7-[trame-4-[4-methyl-1-giperarinyl)cyclobeyl]-5-(4-phenoxyphenyl)- ICA INDEX NAME)

AB The present invention relates to polypeptides which comprise the ligam kunding domain of Lok, crystalline forms of these polypeptides, and the we of

Abbott Bioresearch Center, Worcester, MM, D1605-USA Bioorganie & Medicinal Chemistry letters (2002), CUDEN: MMCLES; ISSN: 0960-894X Elsevier Science Ltd. Journal SOURCE:

Relative stereochemistry.



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- 15 AMEMIER 10 OF 25 CAPLUS COPTRIGHT 2007 ACS on STN (Continued) these cryst. forms to det. the 3-dimensional structure of the catalytic domain of Lck. The invention also relates to the use of the
- commain of Lot. In arreas.

 dimensional structure of the Lok catalytic domain both alone, or in complex with inhibitors, in methods of designing and/or identifying potential inhibitors of Lot activity, for example, compde. which inhibit the
- biodishikotes of Let attracty, to commerce, re-both shikotes of the 3-dissessional structure of the Let catalytic dense. The invention also relate to the use of the 3-dissessional structure of the Let catalytic structure of the 1-dissessional structure of the 1-district and/or installyting potential, abole to whichton of the attracty, for enemyle, compete, which labiled the kindthy of a native substrate to the let catalytic dense selectory.

1.5 ANSWER 11 OF 25 CAPLUS COPYRIGHT 1997 ACS on STN

Relative stereochemistry.

262441-90-7 CAPLUTS 7E-Pyrrolo(z,3-d)pyrinidin-4-amine, 5-(4-phenoxyphenyl)-7-[trans-4-(1-piperidinyl)eyclobayl]- (CA INDEX NAME)

ANSWER 12 OF 25 CAPLUS COPFRIGHT 2007 ACS on STN [Continued) 78-Pyrrolo(2,3-d]pyranidin-4-aname, 7-[trans-4-(4-methyl-1-piperaranyl)-yeplobaya)]-5-(4-phenoxyphemyl)- (CA INDEX NAME)

Relative stereochemistry.

23214-3-1-5
Asi PET (Pharmacollaretics); THE (Therapeutic use); BIGE (Biologueal study); URBS (Ures) yealstionship studies on pyrrolo pyrinidizes as potent inhibitors of Left Missions of Left Missionship studies of Left Missionship studies of Left Missionship L

38 A series of pyrolo[2,7-d]pyrimidizes was synthesized and structure-structy relationship was evaluated as abbittors of led. Led substitute at 1th pyroleid enother compound, an orally available led substitute at 1th provides months respond, an orally available led for the control of the control of the control of the control of the structure control of the control of the control of the control of the structure control of the control of the control of the control of the structure control of the control of the control of the control of the structure control of the control of the control of the control of the structure control of the control of the control of the control of the structure control of the control of the control of the control of the structure control of the control of the control of the control of the structure control of the control of the control of the control of the structure control of the control of the control of the control of the structure control of the control of the control of the control of the structure control of the control of the control of the control of the structure control of the control of the control of the control of the structure control of the control of the control of the control of the structure control of the control of the control of the control of the structure control of the structure control of the control of the control of the control of the structure control of the control of the control of the control of the structure control of the control of the control of the control of the structure control of the control of the control of the control of the structure control of the control of the control of the control of the structure control of the control of the control of the control of the structure control of the cont

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ANSMER 12 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

479501-40-1 CAPLUS
7B-Pyrrolo[2,3-d]pyrinidin-4-anine, 7-[cis-4-(4-methyl-1piperariny)cyclobexyl]-5-(4-phenoxyphenyl)- (CA INDEX HUNE) Relative stereochemistry.

13 34444-4-1/P Jaramacokimetics); SPN [Symthetic preparation); TRU [Therapeutic use); EIGL [Siclogical study); TREP [Preparation); USES (Uses) [structure-sotivity relationship studies on pyrrolo pyrimidines as potent imbilitors of LoX kimase)
38 34642-4-7-7 CAPLES

15 ANSWER 12 OF 25 CAPLUS COPYRIGHT 1997 ACS on STN

LS AREMER 13 OF 25 CAPLUS COPPRIGHT 2007 ACS on STR ACCESSION NUMBER: 2001:730771 CAPLUS DOUBLET NUMBER: 151:283162

135:123152
Nethod of identifying inhibitors of receptor tyrosine kinsse Tie-2 for regulation of neovascularization Bump, Namcy J., Arzold, Lee D., Disco, Richard M.; Boefflem, Bans Wolfgarg; Allen, Karen; Bellamacina, Correlia

Cormelia Bast Aktiempenellschaft, Germany PCT Int. Appl., 244 pp. CODER: PINCE2 Patent

PATENT ASSIGNAE(S):

DOCUMENT TYPES ANUTAGE:

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WO 2001-088853

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PAGE 2-A

AMBRER 11 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

262442-90-0 CAPLUS
Benzenesulfosanide, N-[4-|4-anino-?-[trans-4-|4-methyl-1paperarmyl)cycloheayl]-78-pyrrolo[2,3-d]pyrinidin-5-yl]-2-flux
2,3-dichloro- (CA INDEX NAME)

344042-47-7 CAPLUS 7E-Pyrrolo[2,3-d]pyrimidin-4-anime, 7-[trang-4-(4-methyl-1-piperarimyl)oyolobesyl]-5-(4-phenoxyphenyl)- (CA INDEX NUME)

Page 136

LS AMSMER 13 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

262442-64-8 CAPLUS Benzenezulfonunide, N-|6-|4-amino-7-|trans-6-|4-methyl-1-

psperaziny1)cyclobexy1)=78-pyrrolo(2,3-d)pyrimidin-5-y1)-2-fluoropheny1)-4-fluoro- (CA 1800X 1808) Relative stereochemistry.

PAGE 1-A

15 ANSWER 13 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) Relative stereochemistry



The present invention relates to polypeptides which comprise the ligand binding domain of Tie-2, crystalline forms of these polypeptides and the use of these crystalline forms to determine the three dimensional structure of

catalytic domain of Tie-2. The invention also relates to the use of the three dimensional structure of the Tie-2 catalytic domain both alone, or in complex with inhibitors, in methods of designing and/or identifying potential inhibitors of Tie-2 sativity, for example, compds. which

inhibit the binding of a native substrate to the Tie-2 catalytic domain. Receptors which are responsible for newseularization include the receptor tyrosine kinases Tie-1 and Tie-2.

LS AREMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN ACCESSION NUMBER: 2001:730744 CAPLUS DOUBLET NUMBER: 135:288790

Paul Basf Aktiengesellschaft, Germany

Bast Attiongosellachatt PCT Int. Appl., 453 pp. CLOBER: PIXCDI Patent English

DOCUMENT TYPE: LANGUAGE: FAMILY ACC NUM: CO PATENT INFORMATION

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Relative stereochemistry.

AMBRER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

262444-23-5 CAPLUS L-Valine, 3-[4-anino-5-[4-phenoxyphenyl)-78-pyrrolo[2,3-d]pyrinidin-7-yl[opulopentyl aster (CA INDEX NAME)

262444-24-6 CAFL/98
Garbanto acud, [2-(4-morpholinyl)ethyl]-, 3-[4-anino-5-(4-phenosyphenyl)
78-pyriolo[2,3-djpyramidin-7-yl]cyclopantyl autor (9C1) (CA INDEX NAME)

LS ANSMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

NN 262442-06-8 CAPLOS
CN 78-Pyrrolo[2,3-d]pyrinidin-4-amine,
5-(2-methyl-4-phenoxyphenyl)-7-[trans4-(4-methyl-1-piperarinyl)-cyclobexyl]- (CA INDEX NUME)

262443-65-6 CAPLUS 1,2-Sthamedianime, trans-4-(4-amino-5-(4-phenoxyphenyl)-7E-pyrrolo[2,5-d]pyrimidim-7-yl]cyclohexyl]-N,N',N'-trimethyl- (9CI) (CA INDEX NAME)

ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

262444-27-9 CAPLUS
1-Piperarimecarboxylic acid, 4-[cis-4-[4-animo-5-(4-pheroxyphenyl)-78-pyrrolo[2,3-d]pyrinidim-7-yl]cyclohexyl]-, 1,1-dimethylethyl erter (CA:100EX-NOME)

Relative stereochemistry

262444-28-0 CAPLUS
1-Piperarisecurboxylic acid, 4-[trans-4-[4-aniso-5-(4-phenoxyphenyl)-7B-pyrrol[2,3-d]pyrinidis-7-yl]cyclobasyl]-, 1,1-disethylethyl erter (CA-RDEN NUMB)

Relative stereochemistry

15 ARSMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

222 N2444-34-8 CAPLUS
CR Glycfm, N-[(1,7-dimethylsthoxy)carboxyl]-,
2-[4-anizo-5-(4-phenoxyphoxyl)78-pyrchol(2,3-d)pyrdhidin-7-yl)cyclopentyl ester (CA IRIEX NAME)

11 File System States of S

AMBRER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

344354-37-0 CAPLUS 36434-37-0 CARCUS Cyelobexaneethanol, 6-[4-amino-5-(4-phenoxyphenyl)-78-pyrrolo[2,3-d]pyrinidis-7-yl]= (CA INDEX NAME)

364354-38-1 CAPLPS Cycloboxaneacetaldebyde, 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyramain-7-yl]- (CA INDEX NUME)

EN 344394-50-7 CAPLUS
CN Cyclobexaneethanol, 4-[4-amino-5-(4-phenoxyphenyl)-78-pyrrolo[2,3-

Page 138

15 ANSMER 14 OF 25 CAPLES COPYRIGHT 2007 ACS on STN 7-y1]- (CA INDEX NAME)

262444-51-9 CAPLUS
Benzenspropasamide, N-[4-[4-amino-7-[4-oxocyclohesyl)-7H-pyrrolo[2,3-d]pyrinidis-5-yl]-2-methoxyphenyl]- (CA INDEX WAED)

ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) d)pyrimidin-7-y1]-, methanesulfomate (ester) (9CI) (CA INDEX NAME)

304335-30-0 CAPLUS Cyclobexanecarizoxylic acid, 1-amino-4-[4-amino-5-(4-phenoxyphenyl)-7E-pyrrolo[2,3-d]pyrimidin-7-yl]-, css- (CA INDEX NAME)

364355-31-7 CAPLUS Cyclobasamerathorylac scad, 1-amano-4-[4-amano-5-(4-phenoxyphenyl)-78-pyrolo[2],3-d[pyramidis-7-yl]-, methyl enter, cis- (CA INDEX NAME) Relative stereochemistry.

ARRINGE 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

Oyclobexanecarbonitrile, 1-anino-4-[4-anino-5-(4-phenoxypheny1)-78 pyrrolo[2,1-d]pyrinidin-7-y1]- (CA INDEX NAME)

Cyclobenamone, 4-[4-anino-5-[4-[phenylmethoxy)phenyl]-7E-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NUME)

- Names 14 of 16 Oakses Cofficient 2007 Acm on FTM (Continues)
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- Pil MC [Backgroad activity or exceeding, seeps, see

Absolute stereochemistry.

AMEMER 14 OF 25 CAPLUS COPTRIGHT 2007 ACS ON STN

364355-99-7 CAPLOS Cyclobeanne, 6-[4-anino-5-(4-anino-3-chlorophenyl)-7E-pyrrolo[2,3-d]pyrindia-7-yl]- (CA INDEX NAME)

25141-10-37 25142-16-39 25142-20-39
25141-10-37 25142-16-39 25142-20-39
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ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

262442-56-8 CAPLUS
78-Pyrrolo(2,3-d)pyrinidin-4-amine, 7-[trans-4-[(3x)-3-[dinethylamino)-1-pyrolidiny]]cyclobxyl]-5-[4-phenoxyphenyl)- (CA INDIX NAMI) stereochemistry.

262442-90-0 CARLOS
Benzensulfosanide, N-[4-[4-anino-7-[trans-4-[4-methyl-1-piperazinyl)cyclohenyl]-TH-pyrrolo[2,3-d]pyrinidin-5-yl]-2-fluorophenyl]-2,3-dichloro- (CA IRBUX NAME)

15 AMEMER 14 OF 25 CAPACS COPYRIGHT 2007 ACS on STN (Continued)

PAGE 2-A

JB 34495-91-3 CALLOS
CE RESTORITARS (4-methyl-1-piperarinyl)cyclobexyl)-72pyrcolc[3,3-d]pyrinidin-5-yl]-2-phenoxy-, diacetate (SCI) (CA INDEX
RMM)

CM 1

CM2 364353-90-2 CMC C30 M33 N7 O

15 AMENER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

22 3433-96-8 CAPAUS
2 78-Pyrrol(2)3-61pyrinidin-4-anine,
5-[1-nexbay-4-phenoxypheny1)-7-[trans-4-(4-nexbay-4-phenoxypheny1)-7-[trans-4-(4-nexbay-1-pigearisyl)oyolohey1]-, diacetate [90]) (CA INDEX NAME)

4-(4-methyl-1-piperaxinyl)cyclobexyl]-, diacetate (9CI) (CA INDEX NAM CM 1

CR21 364353-95-7 CREF C30 R36 N6 G2

Relative stereochemistry.

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LS AMEMER 14 OF 25 CAPLUS COPTRIGHT 2007 ACS on STN (Continued)

CN 2 CRN 64-19-7

BO-C-CH3

328 364353-94-6 CAPLUS
CN Benzanide, 5-[4-amino-7-[trans-4-(4-methyl-1-piperazinyl)cyclohexyl]-78-pyrrolo[2,3-d]pyrinidin-5-yl]-2-phenoxy- (CL INDEX NOME)

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
CRN 64-19-7
CRN C2 B4 02

0 0-0-082

383 364354-00-7 CAPLUS ThereI, 5-[4-anize-7-[trans-4-(4-methyl-1-piperarinyl)cyclohexyl]=78pyrelo[2,3-d]pyrinidin-5-yl]-2-phenoxy- (CA INDEX NME)

08 OS

NO 364354-01-9 CANAUS
CON TR-Pyrenoi(), 3-01-pyrinidin-4-anine,
5-(3-chloro-4-phenoxyphenyl)-7-[trans4-(4-nethyl-1-puperassyn))-yelobesyl]- (CA INDEX NOWE)
Relative stereochemistry.

15 AREMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

364354-05-2 CAPLUS
7M-5yrrolo(1,3-d-1)pyrinidin-4-anine,
(3-fluoro-4-phenoxypheny1)-7-[trans4-(4-aethy1-1-piperariny1)-yolobaxy1]-, diacetate (3CI) (CA INDEX NAME) CM 1

CMF 364354-04-1 CMF C29 H33 P N6 O

Relative stereophemistry.

ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

Relative stereochemistry.

L5 ANSMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CN 2 CMM 64-19-7 CMM C2 84 02

NN 364354-08-5 CAPLES
CR 78-Fyrrolo[2,3-d]pyrimidin-4-amine,
5-(3-methyl-4-phenoxyphenyl)-7-[trans4-(4-methyl-3-physrarinyl)cyclohexyl]- (CA INDEX NAME)

Relative stereochemistry.



364334-14-3 CARUES
78-Pyrrolo(2,3-d]pyrinidin-4-anine, 7-[trans-4-(4-methyl-1piperaximyl)oyolohexyl]-5-(3-mitro-4-phenoxyphenyl)-, monoacetate (9CI)
(CA INDEE NOME)

CN 1

CRN 364354-13-2 CMF C29 H33 N7 G3

Relative stereochemistry

ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

RN 364354-17-6 CAPLOS
CN 7R-Pyrrolo[2].3-djpyrinidin-4-anine,
5-[3-(dimethylamino)-4-phenoxyphenyl]7-[trans-4-(4-nethyl-1-piperasinyl)oyolohexyl]- (CA INDEX NAME)

Relative stereochemistry.

NN 364554-19-8 CAPARS
CN Acetande,
NS Acetan

ANNMER 14 OF 25 CAPLES COPYRIGHT 2007 ACS on STN (Continued) CRN 364354-38-7 (OF C11 M17 NT 02

CH 1

C921 364354-20-1 C927 C30 #34 N6 C2 Relative stereochemistry.

AMBNER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

364354-27-8 CAPL/P8 Cyclobexameacetanide, 4-[4-amino-5-(4-phenoxyphenyl)-78-pyrrolo[2,3-d]pyrimidim-7-yl]-1-hydroxy-, trans- (CA INDEX NAME) Relative stereochemistry.



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AMEMER 14 OF 25 CAPLUS COPTRIGHT 2007 ACS on STN (Continued)

CN 2

Double bond geometry as shown

PB 364354-26-7 CAPLUS
CM Bentaldehyde,
-[4-anino-7-[tansa-6-(4-methyl-1-piperarinyl)-cyclobexyl]-78pyrrolo[2,3-d]pyrinidia-5-yl]-2-phenoxy-, diacetate (SCI) (CA INDEX

CRN 364354-20-1 CNF C30 H34 N6 O2

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

364354-28-9 CAPLUS Cyclobranemethamol, 4-[4-amino-5-(4-phenoxyphenyl)-7H-pyzrolo[2,3-d]pyzinidin-7-yl]-3-hydroxy-, trans- (CA INDEX NAME)

364254-32-5 CAPLUS
78-Pyrrolo[2,3-d]pyrinidin-4-anise, 5-[4-(2-benroxarolylamino)-3-Cluorophenyl]-7-[clis-4-(4-methyl-1-piperarinyl)-yelohexyl]- (CA INDEX NOME)

PAGE 1-A

LS ANSMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continue

20 364354-36-9 CAPLUS 78-Pyzzolo(2,3-d)pyzinidin-6-anine, 7-(4-(2-(4-methyl-1mineraziny)) ethyl levelohemyl)-5-(4-mbosoxyohanyl)- (CA INDEX NAME

22 364354-39-2 CAFLUS CN 7E-Pyrrolo[2,3-d]pyrisidin-4-anine, 7-[4-[2-(4-norpholiny)]epholiny]epholi

XM SH4584-40-5 CAPLIS
CN Cyclobexaneacetamide, 4-[4-amino-5-[4-phenoxyphenyl])-78-pyxrolo[2,3
djpyxinidim-7-yl]-8-methyl- [CA INDEX NAME)

N N N OPh

NN 364354-43-8 CAPLUS
GR B-Alanine, N-[2-[4-[4-anino-5-(4-phenoxyphenyl)-7B-pyrrolo[2,3-dlov:nndin-7-vl]cyclobesyllethyll-, ethyl ester [CA INDEX NAM]

324 354-44-9 CAPLOS (20 1-Paperaimearmonylic soid, 4-[2-[4-[4-amino-5-(4-phenoxyphenyl)-78-pyxrolo[2,3-d]pyximidin-7-yl]cyclohexyl]cthyl]-, 1,1-dimethylethyl este

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LS ANSMER 14 OF 25 CAPLUS COPTRIGHT 2007 ACS on STN (Continued)

EN 364354-41-6 CAPLUS CN 78-Pyrrolo[2,3-d]pyrumidin-4-amine, 7-[4-[2-(dimethylamino)ethyl]cyclohezy 1]-5-(4-phenosyphenyl)- (CA INGEX NAME)

383 364354-42-7 CAFLOS CR 1,2-Ethanedianine, N-[2-[4-[4-anine_5-[4-phenoxypheny1)-7H-pyrrole]2,3-dpyr inidia-7-y1]cyclobaxy1[ethy1]-N,N',N'-trunethy1- (NC1) (CA INDEX CAFLOS)

HN 364354-46-1 CAPLUS CR 4-Fiperidinol, 1-[2-[4-[4-anino-5-(4-phenoxyphenyl)-78-pyrrolo]2,3-djpyrindin-7-y-])cyclobasyl]ethyl]- (CA INDEX NAME)

364254-47-2 CAPLUS CB 78-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[4-[2-(hexahydro-4-methyl-1B-1,4-diaregin-1-yl)chyl]cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)

PR 364354-48-3 CAPLUS
CN 78-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[4-[2-(18-imidazol-1-y1)ethyl]cyclobexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME)

AMSMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

 $\begin{array}{l} piperaz \bar{z} ny1) \exp(abscry1) - 70 - pyrrolo[2,3-d] pyrinidin-5-y1] - 2-nethoxypheny1] - 2-pheny1 - (CA INDEX NAME) \end{array}$

PAGE 1-A

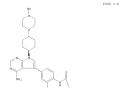
PAGE 2-A

25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) CAPLUS

Relative stereochemistry.

303 364354-54-1 CAPACES
GN Bentamides
R-[4-[4-mann-7-[trans-4-[4-methyl-1-piperazinyl)cyclobaxyl]-7Hpyrtolo[2,1-d]pyrindin-5-yl]-2-methoxygbenyl)-4-[triflooroeethyl)- (CA
1801X 3804X

15 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN



364354-55-2 CAPLUS Urea, N= $\{+(4-anino-7-(cix-4-(4-nothyl-1-piperarinyl) cyclobexyl]-7R-pyxrolo[2,3-d]pyxnidin-5-yl]-2-nethoxyphenyl]-N'-(phenylmethyl)- (CARONE)$

15 AMENUR 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

Relative stereochemistry.

38 34:34-57-4 (ARES Beninencetanide, N: [4-[4-unino-7-[cis-4-[4-methyl-1physicily] byelokesyl)-7m-pyrolo[2,3-d]pyrinidin-5-yl]-2-methosyphenyl]-(A.1865a Wans)
Jalativ streechmistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

N) 364254-59-6 CAPL/R8
CN Benzanide, R-[4-[4-anizo-7-[ois-4-(4-methyl-1-piperazinyl)cyclohexyl]-78pyrrolo[2,3-d]pyrinidin-5-yl]-2-methoxyphenyl)-2,5-difluoro- (CA INDEX
SMM2)

Relative stereochemistry



L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

323 364354-60-3 CANLUS CB Bentradies, N-[4-(4-maino-7-[4-(4-methyl-1-piperazinyl)cyclohexyl)-7Hpyrrolo[3]-3-dipyrinidin-5-yl]-2-methoxyphenyl]-4-[1,1-dimethylethoxy) (CA. INDIX 19946)



IN 36436-61-0 CARLOS

Sensanide, N-[4-[4-animo-7-]cis-4-[4-nethyl-1-piperariny1)cyclobexyl)-78pyrrols[2,7-d]pyranidin-4-yl]-2-nethoxyphonyl]-3-fluoro- (CA INDEX NOME)
Relative steroobenistry.

15 ARSMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

Relative stereochemistry

NR 364354-63-2 CMSUSC CR 1,7-Semonolousola-S-extboxanide, N-[4-[4-anixo-7-[cis-4-(4-methyl-1piparaxinyl)ryclobacyl]-78-pyrrolo[2,3-d]pyrinidin-3-yl]-2-methoxyphenyl]-[CA INDEX NOME)

L5 ANSAMER 14 OF 25 CAPLUS COPFRIGHT 2007 ACS on STN (Continued PAGE 1-A



23 Berranide, N.[4-[4-anino-7-[cis-4-(4-methyl-1-piperazinyl)gyclobesyl]-78pyrolo[2,3-d]pyranidam-5-yl]-2-methosyphenyl]-2,6-damethyl- (CA INDEX NAME)

Selative stereochemistry

L5 ANSMER 14 OF 25 CAPLAS COPYRIGHT 2007 ACS on STN (Continued PAGE 1-A

PAGE 2-A

NH 344354-65-4 CAPAUS GB Bentande, N-[4-(4-mino-7-(cix-4-(4-methyl-1-piperarinyl)cyclohexyl)-7pyrrolo[2,7-4]pyrinidim-5-yl]-2-eethoxyphenyl)-2-ehloro-4-fluoro- (CA HDEK BME)

Relative stereochemistry

Relative stereochemistry.

15 ARSMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

EN 364354-68-7 CAPLOS CN Denrenebutanamide, N-[4-[4-amino-7-[cir-4-[4-methyl-1piperazinyl)cyclobexyl]-78-pyrrolo(2,3-d)pyrimidin-5-yl]-2-methoxyphenyl]-(CA INDEX NAME) Relative stereochemistry

LS AMEMER 14 OF 25 CAPLUS COPTRIGHT 2007 ACS on STN

(Continued)

PAGE 1-A

364354-69-8 CAPLUS 1E-Fyxazole-4-earboxamide, N-[4-[4-amino-7-[ois-4-[4-methyl-1pipexazīnyl)cyclobexyl]=7E-pyzrolo[2,3-d]pyzimidin=5-yl]=2-methoxyphenyl]=1-methyl-5-pzopyl= (CA INDEX NAME)



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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

364354-70-1 CAPLUS
7H-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-{4-phenoxyphenyl}-7-[cis-4-[(3R)-3-pyrrolidinylamino]cyclobexyl]- (CA INDEX NAME)

364354-71-2 CAPLUS 7M-Pyrolo[2,3-0]pyrimidin-4-amine, 5-[4-phenoxyphenyl)-7-[cus-4-[[35]-3-pyrolidinylamino[cyclobexyl]- (CA INDEX NAME) hosolute stereochemistry.

15 ARSMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

38) 34434-72-3 CAPLUS CR 4-Figeratinol, 1-[cis-4-[4-anino-5-(4-phenoxyphenyl)-78-pyrrolo[2,3-d]pyramino-7-yl]cyclobexyl]- (CA INDEX SAME) Jelature stereochematty.

383 364354-73-4 CAPLUS C1 d-Paperidisol, 1-[ciz-4-[4-anino-5-[4-phenoxyphenyl]-78-pyrrolo[2,3-d]pyrindis-7-plleyclobexyl]-, (22)-2-briesedicate [122] [aslt] (EC)

15 ANNUAR 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

283 364354-73-6 CAPL/DS
CM 4-3peridisol, 3-(trans-4-[4-aniso-3-(4-phenoxypheny1)-78-pyzrolo[2,3-dpyznudiso-7-y2]cyclohexy2]-, [22]-2-butenedioate [1:2] [salt] [SCI]
(CA 18DEX NAME)

CM 1

CR21 364354-74-5 CREF C29 R33 N1 G2

Relative stereochemistry.

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L5 AMEMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CRN 364354-72-3 CNF C29 R33 N5 G2

CN 2 CNN 110-16-7 CNF C4 H4 O4

Double bond geometry as shown.

802C 8 CO28

388 364354-74-5 CAFLOS CR 4-Piperidisol, 3-[trans-4-[4-anino-5-[4-phenoxypheny1)-78-pyrrolo[2,3-d]pyrindish-7-pjloyclobesyl]- (CA INDEX RAME) Relative stereorbenistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CMN 110-16-7

CMF C4 M4 O4

Double bond geometry as shown

38.354.69-3 CAPUNS CB 3-Pyrrolidinol, 1-[cts-4-[4-anino-5-(4-phenoxypheny1)-7R-pyrrole[2,3-d]pyrinidin-7-yl]cyclohexyl]-, (3R)- (CA INDEX NAME)



280 364354-61-4 CAPLUS CR 3-Pyrrolidizol, 1-[cis-4-[4-animo-5-(4-phenoxypheny1)-7R-pyrrolo[2,3-d]pyrindiam-7-y1[cyclobexy1]-, (3R)-, (2Z)-2-butenedicate (1t2) (salt) (SCI) (CA INDEX NAME)

OH 1 CMN 364354-80-3 OHF C28 H31 N5 02

Absolute stereochemistry.

ANSMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 2 CR20 110-16-7 CR6F C4 84 04

louble bond geometry as shown

364354-85-8 CAPLUS 2-Pyxroladinenethanol, 1-|trans-4-|4-anino-5-(4-phenoxyphenyl)-78-pyxrolo[2,1-d]pyxnaidn-7-yl]eyelobexyl]-, (28)- (CA INDEX NAME) Absolute stereochemistry.

AMENUS 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



364354-86-9 CAPAUS 2-Pyrrolidinenethamol, 1-[trans-4-[4-animo-5-(4-pheroxypheny1)-7B-pyrrolo[2,3-d]pyrimidim-7-yl]cyclobexyl]-, [25)-, [27)-2-butenedicate [12] [salt) [9Cl) (CA INDEX NUME)

CN 1

CMN 364354-85-8 CMF C29 B33 N5 O2

Absolute storeochemistry.

15 ANSMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) CP20 110-16-7 CP2 CA E4 O4

34434-90-5 CAPLUS 2-Pyrrolidinenethamol, 1-[trans-4-[4-anino-5-(4-phenoxyphenyl)-78-pyrrolid;3-d]pyrinidin-1-yl]cyclobexyl]-, (2R)-, (2C)-2-bstenedicate [1:2] [salte]GCI (CA INDEX SUME)

CM 1

CMM 364354-89-2 CMM C29 H33 N5 C2

Absolute stereochemistry.



CM 2 CMS 110-16-7 CMS C4 84 04

E020 2 C02B

E21 344354-94-9 CAPLUS CB Cyclobesanol, 1-(2-aminoethyl)-4-(4-amino-5-(4-phenoxyphenyl)-78-

ANSWER 14 GF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) pyrrolo[2,3-d]pyrimidin-7-yl]-, cis- (CA INDEX NPME) Relative stereochemistry.

364354-95-0 CAPLUS Cyclobexanol, 1-(2-animoethyl)-4-[4-animo-5-(4-phenoxyphenyl)-7H-pyrrolo|2,3-d]pyrimidim-7-yl]-, trans- (CA INDEX NAME) Relative stereochemistry.

HR 364354-97-2 CAPLTS
GR Cyclobesanol,
[-[-anno--]-(-phenosyphenyl)-7H-pyrrolo[2,3-d]pyranidm-7yl]-d-[2-[1H-inidazo]-2-ylmethyl)anno]ethyl]-, cis-, discetate (salt)
[SCI) (CA JERES NAME)

CRN 364354-96-1 CMF C30 H33 N7 O2

Page 149

15 AREMIR 14 OF 25 CAPARS COPYRIGHT 2007 ACS on STN (Continued) Relative stereochemistry,

CR21 64-19-7 CMF C2 84 02

80-C-CH3

NO 34434-98-3 CAPLUS
CN Cyclobranescetic acid. 4-[4-anino-5-(4-phenoxyphenyl)-78-pyrrolo[2,3-d]pyrindin-7-yl]-1-bytroxy-, cis- (CA INDEX NUME)
Zelative stersochemistry.

15 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

NN 364355-01-1 CAPL/S CN Cyclobeasol, 1-(aninomethyl)-4-[4-anino-5-(4-phenoxyphenyl)-78-pyzrolo[2,3-d]pyznnidin-7-yl]-, cis- (CA INDEX NOME)

30 84495-02-2 CAPACE
CD Cyclobearach,
4-(4-mnino-5-(4-phenoxyphany1)-78-pyzzolo(2,3-d)pyzimidin-7-y1)-1-((dimethylamino)methyl)-, dim- (CA INGEX NOME)

L5 AMEMER 14 OF 25 CAPLUS COPTRIGHT 2007 ACS on STN (Continued)

IN 364354-99-4 CAPLES
CN Cyclobranesestanide, 4-[4-anino-5-(4-phenoxyphenyl)-7E-pyrrolo[2,3-d]pyrundin-7-yl]-1-hydroxy-, cis- (CA INDEX NOME)
Balativa, thereochemistry

EN 364355-00-0 CAPLUS CR Cyclobexamenethanol, 4-[4-anino-5-(4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrinidin-7-yl]-1-hydroxy-, cis- (CA INDEX NUME)

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

NS 364355-03-3 CAPL/NS CM 1,3-Proparediol, 2-[[[dis-4-[4-mino-5-(4-phenoxyphenyl)-7M-pyrrolo[2,3-dpyrnidis-7-yl]-1-hydroxycyclobexyl]nethyl]enino]- (CA INCEX NAME) Relative stereochemistry.

BB 36435-64-4 CARLES C3 Cyclohastrol 4-[4-unino-5-(4-phenosyphenyl)-7B-pyrcolo[2,7-d]pyrinidin-7yl]-1-[[2-[4-morpholisyl)-thyl]nnino]methyl]-, mis- (CA INDEX NAME) Jelative sterocohemistry.

15 AMSMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

364355-66-6 CAPLUS Cyclobezanol, 1-(aninomethyl)-4-[4-anino-5-(4-phenoxyphenyl)-7%-pyrrolo[2,3-d]pyrimidin-7-yl)-, trans-, discetate (sait) (9C1) (CA INDEX 1006)

CM 1

CMN 364355-05-5 CMP C25 M27 N5 O2

Relative stereochemistry.

ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

702 364355-09-0 CAPLUS CD Cyclobeasand, 4-[4-anizo-3-(4-phenoxypheny1)-7H-pyrrolo[2,3-d]pyrinidin-7-y1]-1-([[2-[4-morpholinyl)ethy1]amino]methy1]-, trans-Relative stereochemistry.

ANSMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN CN 2 CRN 64-19-7 CMF C2 84 02

IN 364355-07-7 CAPLAS CR Cyclobeanol 4-[4-anino-5-(4-phenoxyphenyl)-7B-pyrrolo[2,3-d]pyrinidin-7-yl]-1-[(dimethylamino)methyl]-, trans- (CA INDEX NAME)

Relative stereochemistry.

ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

58 Del235-12-4 October CR Cyclobeanol, 4-[4-anino-5-(4-phenoxyphenyl)-78-pyzzolo[2,3-d]pyzimidin-7-yl]-2-[[[3-1]B-inndexol-1-yl]propyl)anino[nethyl]- ICA INDEX NAME)

RN 364355-13-5 CAPLUS CN Cyclobeannel 4-[4-amino-5-(4-phenoxyphenyl)-7B-pyzzolo[2,3-d]pyzimidin-7-yl]-1-(1B-inidazol-1-ylnethyl)- (CA INDEX NAME)

AMSMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

364355-22-6 CAPLUS

15 AREMER 14 OF 25 CAPAUS COPYRIGHT 2007 ACS on STN (Continued Relative stereochemistry.

- CM 2 CMM 64-19-7
- ко-С-сиз
- 231 364355-33-9 CAPACES
 CH 78-byroide(2,3-6)gyrinidin-6-anine, 7-(eis-6-anine-6-(aniaces-tyl-legiclebasy2)-5-(4-pherosypheny1)-, nonescetate (9CI) (CA 1805A WMH)
 CM 1
 - CR21 364355-32-8 CREF C25 828 NG O

Relative stereochemistry.

15 AMBNER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued

EO-C-CH3

22: 344255-40-0 CAPLUS
(22: 78-Pyrrolo[2, 3-d])yrinddin-4-amine, 7-[ols-4-(4-nethyl-1puperaumyl)oyolobayl]-5-[4-(phenylnethoxy)phenyl]- (CX INDEX NOME)
Relative stereochemistry.

LS ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2 CMN 64-19-7

î

IN 364355-35-1 CAFLOS CH 7R-Pyrrolo(2,7-0-d)pyrinidin-6-aniss, 7-[trans-6-aniso-4-(anisos-ty)]-cycloba-syl)-5-(4-phenoxyphesyl)-, monoscetate (PCI) (CA INDIA (MMI))

CRN 364355-34-0 ONF C25 H28 N6 O

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



IN 364355-41-9 CARLUS
CN 78-Pyrrolo[2, 3-d]pyrinidin-6-anime, 7-[trans-6-[4-methyl-1piperaxisyl)eyeloheyi]-5-[4-[phenylmethosy)phenyl]- (CA INDEX NAME)
Relative stereochemistry.



98 364355-51-1 CAPLUS
CD 78-fyrzolo[2,3-d]pyrinidin-4-anise, 5-[4-(anisoeethyl)phenyl)-7-[trans-d-(4-enthyl-1-piperaribyl)eyclobssyl]-, (20)-2-betenedicate [1:4) (CA-1000)
NOOL

15 ARSMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CRS 264255-50-0 CRF C24 R12 N7

CM 2

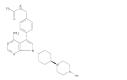
CRS 110-16-7 CRF C4 R4 04 Double bond geometry as shown

223 36435-51-3 CAPLUS CH 78-Pyrcolo(2,3-6)pyramsin-6-anine, 5-[4-(anincent)])beenyl)-7-[cis-4-16-nethyl-1-piperalinyl)cyclohesyl)-, (22)-2-butenedicate [li4] (CA INDEX NOME)

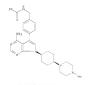
CM 1 CR21 364355-52-2 CMF C24 RI3 N7

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



22 344355-51-7 CAPLUS CN Benzanide, N-[(4-[4-anixo-7-[cis-4-[4-methyl-1-piperaxinyl)oyolohexyl]-78-pyrrolo[2,3-d]pyranidin-5-yl]phenyl]methyl]- (CA 100EX NAME) Relative stereochemistry.



R1 34435-58-8 CAPLUS CR Acetamide, R-[(4-|4-amino-7-|cux-4-(4-methyl-1-piparazunyl)cyclobaxyl]-78-pyrrolo[2,3-d]pyrunudin-5-yl]phenyl]methyl]- (CA INDEX NAME)

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15 ANSMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CRN 110-16-7 CMF C4 84 04

Double bond geometry as shown.

364385-56-6 CAPLUS Benzanide, N-[[4-[4-amino-7-[trans-4-(4-methyl-1-piperarinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyrinidin-5-yl]phenyl]methyl]- (CA INDEX NAKE)

15 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



Relative stereochemistry.

364355-59-9 CARUES
78-Pyrrolo (2,3-d) pyrinidin-6-amine, 7-[eis-6-[4-methyl-1paperasinyl) cyclohexyl]-5-[4-[{[phenylmethyl}amino]methyl]phenyl}- (CA
NDEX NUME)



EN 364355-60-2 CAPLOS
CN Carbanic acid,
[[4-[4-amino-7-[trans-4-(4-methyl-1-piperaxinyl)oyolobexyl]-

ARMMER 14 OF 25 CAPLES COPFRIGHT 2007 MCS on STN (Continued)
78-pyrrolo(2,3-d)pyrimidin-5-yl]phenyl]nethyl]-, phenylmethyl exter (RCI)
CA IEBER NAME)

364355-62-4 CAPSUS Carbanic acid, [[4-[4-anizo-7-[cis-4-(4-methyl-1-piperarizy])cyclobexyl]-72-pyrrolo(4,3-3-d)yrrinkdin-5-yl]phenyl]methyl)-, phenylmethyl ester (901) (CA HOLK BUKK)

Relative stereochemistry.

N64355-43-5 CAPLES Henzemenifomenide, N-[4-[4-emino-7-[trans-4-(4-methyl-1-piperarinyl)cycloheayl]-78-pyrrolo[2,3-d]pyrinidin-5-yl]phenyl]methyl]-(CA_HRESE_NMME)

Relative stereochemistry.

| ADSMRE 14 OF 25 CAPAUS COPPRIGHT 2007 ACS on STR (Continued) 74435-44-6 CAPAUS | Participation of the Capaus Structure of th

NO 364355-65-7 CAPLUS CD Urea, N-[14-[4-animo-7-[trans-4-(4-methyl-1-piperarinyl)cyclohexyl]-7H-pyrrolo[2,3-d)pyrnoidin-3-yl]phenyl]methyl]-N'-phenyl (CA INDEK NAME) Relative stereochemistry.

Page 155

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

364355-66-8 CAPLUS Urca, N-[[4-[4-mino-?-[cis-4-[4-methyl=1-piperarinyl)cyclohexyl]=?8-pyrrolo[2,3-d]pyrinidin-5-yl]phenyl]sethyl]-M'-phenyl- (CA INDEX NNE)

THINKS NAME)

CM 1

CRN 364355-67-9 CMF C31 H37 H7 O

Relative stereochemistry.

15 AMENUR 14 OF 25 CAPAUS COPYRIGHT 2007 ACS on STN (Continued)

CSN 110-16-7 CSF C4 84 04

38 34435-72-5 CAPLUS CM Searamacetanuda, 4-[4-aniso-7-[trans-4-[4-methyl-1puperariny]cyclobary]-78-pyrrolo[2,3-d]pyrinidin-5-y1]-N-phenyl-, [22]-2-bztezedicate (1:3) [CA INDEX NAME].

CRN 364355-70-4 CMF C31 E37 N7 O Relative stereochemistry.

15 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN [Continued



NB M4155-N-0 CMRUS

O'GEA, NF-(4-Hamnor-)-(ds-4-(4-methyl-1-paperatinyl) cyclohesyl)-78
pyrrolo(2, 3-d)pyrinxdsn-3-yl)-2-flworophesyl)-N'-(4-(dimethylamino)phesyl)
(C NDEX MMM)

Palature stresochomistry.

Plott

CNN 2 CNN 110-16-7

Double bond geometry as shown.

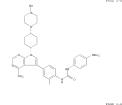


38 364355-75-9 CAPLUS CR Drea, N-[4-[4-anino-7-[cis-4-(4-methyl-1-paperarinyl) cyclohexyl]-7E-pyrrolo[2,3-d]pyrinidin-5-yl]-2-fluorophenyl]-8!-(2,4-difluorophenyl)-(CA INDEX NUME)

AMEMER 14 OF 25 CAPLUS COPTRIGHT 2007 ACS on STN (Continued)

Relative stereochemistry.

15 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Contin



NO 364355-77-1 CANDUS

CN Urea, N-[4-[4-anizo-7-[cas-4-(4-methyl-1-papezazinyl) eyelohexyl]-78-- 100 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17-3 | 17

Relative stereochemistry.

15 AREMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

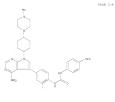
20 Md135-78-2 GAZDE Gras, B-[e-[4-unito-7-(siz-4-(4-eathy-1-piperatiny))-yolohasy1)-78pyzrolo(2)-78[pyznakin-5-y1)-2-floropheny1-8f-(3-sethylphenyl)sethy1)-GA HEEK SMES
Zalatuw ratsochemistry. PAGE 1-A

AMEMBER 14 OF 25 CAPLUS COPTRIGHT 2007 ACS on STN

RN 364355-79-3 CAFLOS
CN Urea, N-[4-[4-anixo-7-[cis-4-(4-nethyl-1-piperarinyl)cyclobexyl]-72pytrolo[2,7-d]pytinidin-5-yl]-2-fluorophenyl]-N'-[4-phenoxyphenyl)- (CA
NROKE MORE)

Relative stereochemistry.

15 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN | | | | | | | | | | |



NO 34415-40-4 CANUS

Often No.40-(4-mains-7-(eis-4-(4-methyl-1-paperatiny))-yelohesyl)-7mpyrroic(2,3-2)gyrreinn-3-yl)-2-florophesyl)-N--(4-methylphenyl)methyl)(CA 10024 MMS)

Palatum stateoshemastry.

PAGE 2-A

15 ANSMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continue

PAGE 2-A

281 354355-51-7. CAPLUS 23. Urna, 1-4-[4-nanion-7-[cir-4-(4-methyl-1-piparazinyl)cyclobaxyl]-78pyrrolo[2,3-4]pyrandan-5-yl]-2-flworophenyl]-8'-(3-methylphonyl)- (CA 1906x 1906)

Relative stereochemistr

15 AMENUR 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN PAGE 1-A

36435-82-8 CAPL/8
Urea, N=(6-[4-anino-7-[cis-6-(4-methyl-1-piperazinyl)cyclobexyl)-78pyrrolo[2,3-d)pyrinidin-5-yl]-2-fluorophenyl]-N-[3,5-dimethoxyphenyl)(CA IRDEX NUME)

PAGE 2-A

Relative stereochemistry.

LS AMEMER 14 OF 25 CAPLUS COPTRIGHT 2007 ACS on STN

364355-83-9 CAPLUS Urea, N=[4-[4-anino-?-[cis-4-(4-methyl-1-piperarrayl)cycloheryl]-78-pyrrol[2,3-d]pyrinidim-5-yl]-2-flworophenyl]-8t'-[2-(2-thienyl)cthyl)-(CA INDEX NOME)

Relative stereochemistry.

AMSNER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN PAGE 1-A PAGE 2-A

36435-84-0 CAPLUS

Urea, N-[4-[4-anino-7-[dis-4-[4-methyl-1-paperasinyl]]] oyolobexyl]-78pyrrolo[2,3-d]pyrimidis-5-yl]-2-floorophenyl]-N'-[2-methylphenyl]- (CA
IDDX SAMU)

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN PAGE 1-A PAGE 2-A

364255-85-1 CAPLUS
Urea, N=[4-(4-animo-7-[cis-4-(4-nethyl-1-paperarinyl)cyclohexyl]-78-pyrrolo[2,3-d]pyrinidin-5-yl]-2-fluorophenyl]-8'-[3,5-dichlorophenyl)-(CA.HEMEN, MUME) Relative stereochemistry.

323 344351-86-2 CAPLUS Utea, N-[4-[4-antho-7-[ols-4-[4-methyl-1-piperarinyl] eyelobeayl]-78pyrrolo[2,3-4]pyriardin-5-yl]-2-floorophenyl]-8'-[2,6-4]chlorophenyl)-ICA IRECK MMED

PAGE 2-A

Relative stereochemistry.

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PACE 3-A.

FRI 364355-07-3 CAFLOS
CRU Urea, N-[4-[4-naino-7-[ois-4-(4-neihyl-1-piperazinyl)cyclohexyl]-78pyrr0o[c]-7-dipyrinidin-5-yl]-2-Cluorophenyl]-Rf-[2,5bis(trifluoromethyl)phenyl]- (CA INDEX NAME)

Relative stereochemistry.

NO 36435-88-4 CAFE/S
CS Utea, Nr[6-[4-anano-7-[cis-6-(4-nethyl-1-paperainylleyelohexyl]-78pyrzolo[2,1-alpyrinidin-3-yl]-2-fivorophenyl]-Nr-[3-nethoxyphenyl]- (CA INDEX NOME)

(CA

1.5 NAMER 14 OF 23 CAPLES COPPLIED TOOT ACE ON SYN (Continued FACE 1-A.)

NN 364355-89-5 CAPL/8
CN Urea, N-{4-[4-anino-7-[cis-4-(4-methyl-1-piperasinyl) eyelohexyl]-78-pyrrole[2,7-dipyrinidin-3-yl]-2-fluorophenyl]-8'-(2,4,6-trichlorophenyl)-(CA INDEX NUME)

Relative stereochemistry.

15 MERGE 14 OF 25 CHART COMPANION 2007 ACC on 200 (Continue PAGE 1-A

30 344355-90-8 CAPLUS CN Orea, N-[4-[4-anino-7-[cis-4-(4-methyl-1-piperaxinyl)cyclobexyl]-78pyrrolo[2,3-d)pyrindin-5-yl]-2-floorophenyl]-N-[1,1-biphenyl]-2-ylich NESK MMED.

PAGE 2-A

Relative stereochemistry.

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AMSNER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

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NN 36435-92-0 CAPL/S CN Utca, N-[6-[4-ana-o-]-[trans-4-[4-netly]-1-piperainyl) gyelehexyl)-78pyrrolo[3,7-dpyrinidin-5-yl]-2-floorophenyl]-N-[3-nethylphenyl)- (CA HOEX NOWE)

Relative stereochemistry.

ACCRACK 14 OF 23 CAPAGE COPYRIGHT 3897 ACS on STM COntinents
PAGE 1-A

TO THE THREE THREE

H3 364355-91-9 CAPLUS CR Uces, N-[4-[4-mino-7-[cis-4-(4-methyl-1-plperarmyl)cyclohexyl]-78pyrrolo[2,7-0]pyrinidim-5-yl]-2-floorophenyl]-H1-[4-methylphenyl)- (CA INDEX NOME)

PAGE 2-A

PAGE 2-A

Relative stereochemistry.

NAMERO 14 OF 25 CARGO COPYRIGHT 2007 ACG as STO CONTINUED FACE 1-A.

PN 364355-93-1 CAPLUS
CN Benrenesulfomande, N-[4-[4-amino-7-(4-oxocyclobenyl)-7H-pyrrolo[2,3-d]pyrinidin-5-yl]-2-flworophenyl]-2,3-dichloro- (CN INDEX NUME)

EN 364355-36-4 CAPLOS
CN Urea, N-{e-{-unino-7-{cur-4-(4-methyl-1-paperarinyl)cyclobacyl]-78-pyrxolo[2,3-d]pyrandim-5-yl]-2-Cluorophenyl]-N'-{2-phenoxyphenyl)- (CA

15 AREMER 14 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) INDEX NAME)

94435-97-5 CAPUS Urea, R-[4-[4-anino-7-]ais-4-(4-methyl-1-piperarinyl)cyclobexyl]-78-pyrrol[2,3-d)pyrindin-5-yl]-2-fluorophenyl]-N'-[2,5-dimethoxyphenyl)-(CA NEXE NOME)

PAGE 2-A

Relative stereochemistry.

CH 2 Double bond geometry as shown.

R3 364256-08-1 CAPUJS CD BentemberGroamide, N=[4-[4-amino-7-[trans-4-[4-methyl-1-piperaispyl)oyolowsyl]-78-pyrrolo[2,3-d]pyramdin-5-yl]-2-fluorophenyl]-

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LS ANSMER 14 OF 25 CAPLUS COPTRIGHT 2007 ACS on STN (Continued)

RN 364356-05-8 CAPLUS
CRN Renzenesilfonanide, N-[4-[4-anino-7-[cis-4-(4-net)y]-1-piperariny])eyelohayy]-78-pyrrolo[2,3-d]pyrinidin-5-yl)-2-fiborophenyl)-2,5-diborop-2,6-dilboro-, [25)-2-bwtenedicate [1:2) (CA INDEX NME)

PAGE 2-A

ON 1

CRS 262443-66-3 CMF C29 B30 Bx2 F3 N7 O2 8 Relative stereochemistry.

CMR 262445-18-1 CMF C29 R32 C12 F N7 O2 S

Relative stereochemistry.

PAGE 1-A

PAGE 2-A

CHR 110-16-7 CHP C4 84 04 Double bond geometry as shown

15 AMENDER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

364356-11-6 CAPLUS
Deprenessifonanide, N-[4-[4-amino-7-[cis-4-[4-methyl-1pipersinyl]pyclobesyl]-78-pyrrolo[2,3-d]pyrinidin-5-yl]-2-fluorophenyl]2,6-dichloro-, [23]-2-bytenedicate [1:2] (CA INDEX MOME)

CMN 262443-10-7 CMF C29 E32 C12 F N7 O2 S

PAGE 1-A

AMBNER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN PAGE 1-A

PAGE 2-A

CRS 110-16-7 CRF 04 84 04

Double bond geometry as shown.

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LS AMENDE 14 OF 25 CAPLUS COPTRIGHT 2007 ACS on STM

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(Continued)

CM 2 CHR 110-16-7 CMF C4 B4 C4

Double bond geometry as shown

PM 364356-13-8 CAPLOS
CN Benzementhanerulfonamide, N-[4-[4-amino-7-[cis-4-[4-methyl-1-

piperaziny1)eyelohezy1]-78-pyrrolo[2,3-d]pyrimidin-5-y1]-2-flworopheny1]-2-nitro-, (25)-2-butenedicate (1:2) (CA IRREX NAME) CN 1

CRR 262443-68-5 CMF C30 R35 F R8 04 S

Relative stereochemistry.

ANSMER 14 OF 25 CAPLOS COPYRIGHT 2007 ACS on STN (Continued) 7H-Pyrrolo[2,3-d]pyrinidin-4-amine, 7-[1R,3R)-3-(4-eethyl-1-piperacing))-cyclohogayl)-5-(4-phenoxyphenyl)-, rel-Relative stereochemistry.

17 23745-74-3 25445-63-3 25446-79-3 25245-79-3 25245-53-2 25445-53-2 34535-53-2 34555-53

262442-03-5 CAPLUS
78-Pyrrolo(2,3-dlpyrimidin-4-amine, 7-[(1E,28)-3-(4-nethyl-1-puperaxingl)-optohegyl)-5-(4-phenoxyphenyl)-, rel- (CA INDEX NAME)

15 AREMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

Relative stereochemistry.

R31 262444-63-3 CAPADS CN Carbonio acid, 3-14-amizo-5-(4-phenoxyphenyl)-78-pyrrolo(2,3-d)pyrinidin-7-

15 AMSNER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

P22 364335-52-2 CAPLUS
CR 7R-Fyrrolo(2,3-d)pyrinidin-4-amine,
5-[4-(aminomethyl)phemyl)-7-[cis-4-(4-methyl-1-piperarmyl)cyclohexyl)- (CA INDEX NAME)

Relative stereochemistry.

17 202441-45-2P 202441-49-6P 202443-81-2P
202444-43-IP
202444-43-IP
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[Roiotequal [Roiotequal activity or Roiotequal activity or Roiotequal activity, unclassified); ECT [Roiotequal (Public Personal Property of Roiotequal (Public Personal Personal Personal Roiotequal (Public Personal Roiotequal Roiotequal

1.5 ANSMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN y1]cyclopenty1 4-nitropheny1 exter (CA INDEX NAME)

262444-65-5 CAPLOS Methnone, [4-(4-aniso-7-cyclopentyl-78-pyrrolo[2,7-d]pyrinidin-5-yl)phenyl-phenyl- (CA IRREX NAME)

364355-50-0 CAPLUS
78-Pyrrolo[2,3-4]pyrimidin-4-amine, 5-[4-(aminomethyl)phenyl]-7-[trans-4-(4-methyl-1-piperaminyl)cyclobesyl]- (CA_INDEX_NAME)

Relative stereochemistry.

La ANNURS 14 of 25 CAUGE COPYRIGHT 2007 ACS on STH (Continued)
(Descinate respect) 2008 (Elect)
(Interest compet) propos. of pyrrology/intakiannases as protein kinase
124414-16-2 CAUGED
(124514-16-2 CAUGED

Relative stereochemistry.



261441-49-6 CAPLOS 7H-Pyrrolo[2,3-4]pyrimidin-4-amine, 5-(4-phenoxyphenyl)-7-[ciz-4-(1-paperximyl)-yplohexyl]- (CA INDEX NUME)

Relative stereochemistry.



15 AMEMIE 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
320 22443-01-2 CAPLUS
C1 Acetic acid,
(1-(4-miso-5-(4-phenoypheny))-78-pyrrolo[2,3-d]pyrinidim-7yl] cyclohoxylideno) = (9(1) (CA INDEX MAME)

IN 262444-45-1 CAPLUS
CN 7E-Pyrrolo[2,3-d]pyrnidin-4-anine,
5-[4-anizo-3-ficoropheny1)-7-[trans-4-[4-enthy1-1-pyperaliny1)cyclohexy1]- (CA INDEX NAME

15 MRMAR 14 GF 20 CANTEN CONTINUED DOTA NO BE STEE (CONTINUED)
25244-1-1-2 25244-1-2 2

262433-52-3 CAPLUS

Cyclobrazone, -anizo-5-(4-phenoxyphenyl)-78-pyrrolo[2,3-d]pyrinidin-7-vll- (2 NDEX NAME)

262441-46-3 CAPLUS Glycine, 3-[4-anino-3-(4-phenoxyphenyl)-7B-pyrrolo[2,3-d]pyrinidin-7-yl[cyclopetyl aster, monohydrochloride (9C1) (CA IMDEX NAME)

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20041-71-22 SCREEN 1-10 SCREEN 2007 ACS 40 STR

20041-71-22 SCREEN 1-10 SCREEN 2007 ACS 40 STR

20041-71-22 SCREEN 1-10 SCREEN 1-10 SCREEN 2007 ACS 40 STR

20041-71-23 SCREEN 1-10 SCREEN 1-10 SCREEN 1-10 ACS 40 STR

20041-71-23 SCREEN 1-10 SCREEN 1-10 ACS 40 STR

200

ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

262441-47-4 CAPLUS L-Walline, 3-[4-maino-5-(4-phenoxyphenyl)-7E-pyrrolo[2,3-d]pyrimidin-7-yl]cyrlopentyl ester, momohydrochloride (9C1) (CA INDEX NAME)

• 001

EN 262441-48-5 CAPLUS
CN 7M-Pyrrolo[2,3-d]pyrnidin-4-anine, 5-{4-phenoxypheny1}-7-{cir-4-(1-pyrroloidy1)-qcibhexy1}- (CA IMBEX NAME) Relative stereochemistry

15 AMSMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

9N 262441-50-9 CAPAUS CN 7E-Tyrrolo[3,3-d]pyrinidin-4-anime, 5-(4-phenoxyphenyl)-7-[cis-4-(1-paperidinyl)-yelohexyl)-, monohydrochloride (9CI) (CA INDEX NAME)

NN 262441-51-0 CAFLOS CN 7E-Pyrrolo[2,3-d]pyrinidin-4-anine, 7-[tran-4-(disethylanino)cycloboxyl]-5-(4-phenoxyphenyl)- (CA INDIX NAME)

Relative stereochemistry.

15 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) Absolute stereochemistry.



NN 262441-66-7 CAPUNS CN 1.2-Ethanedianne, N-[cis-4-[4-anino-5-(4-phenoxyphenyl)-78-pyrrolo[2,3-a]pyrindin-7-yl]cyclolexyl]-N,N',N'-trinethyl-, (20)-2-butenedicate (1:13) (9:11 CA NEWEX NAME)

ON 1

CRN 262441-65-6 CMP C29 H36 N6 O

Relative stereochemistry.

15 ANSMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

202441-61-2 CAPLES CR 2,5-Diarabicycle[2,2,1])heptame-2-earboxylic acid, 5-[e1.6-4-[4-mino-5-14-phenoxybhenyl)-78-pyrrolo[2,3-d]pyrimidim-7-yl]cyclobaxyl]-, l,1-dimethylethyl acter, (16,46)- (CA_RREX_NAMC)

Absolute stereochemistry.

IN 262441-63-4 CAPLUS CN 2,5-Diarahicyclo[2.2.1]heptane-2-carboxylic acid, 5-[rann-4-[4-anino-5-(4-rolo[2,3-d]pyrinidia-7-y1]cyclohexyl]-, 1,1-dinethylethyl ester, (18,46)- (CA IRBUX NDME)

15 ARSMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CMM 110-16-7 CMF C4 H4 O4

Double bond geometry as shown.

802C 8 CO28

281 26241-67-8 CAPLUS
CM 78-Pyrrolo(2,3-d)pyrinidin-4-anine, 7-[cis-4-[4-(1-methylethyl)-1-piperainyl)-yolobayl]-5-(4-phenoxyphenyl)- (CA INDIX NAME)
Relative stereochemistry.



3N 262441-69-0 CAPLOS
CN 7R-Pyrrolo(2,7-d)pyrandan-4-anne, 7-(trans-4-[4-(1-methylethyl)-1piperainy)]eyoloheyyl)-5-(4-phenoxyphenyl)- (CA INDEX NAME)
Zelative stereochemistry.

AREMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

262441-71-4 CAPLUS
7E-Pyrrolo(2,3-d)pyrinddin-4-anine, 7-[cis-4-[4-(2-methoxyethy1)-1-piperarinyl)cyclobay1]-5-(4-phenoxypheny1)- (CA INDIX NAME)

262441-73-6 CAPLUS
7E-Pyrrolo(2,3-d)pyramidin-4-amame, 7-(trame-4-(4-(2-methoxye piperatamyl)gyolohexyl)-5-(4-phenoxyphenyl)- (CA INDEX NAME) Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CMS 262441-67-8 CMS C31 838 N6 O



CR21 110-16-7 CMF C4 B4 O4 Invinie bond geometry as shown

262441-77-0 CAPLUS
78-Pyrrolo[2,3-d]pyrinadin-4-anime, 7-[trans-4-[4-(1-mothylethyl)-1piperainyl]cyolobeyl]-5-(4-phenoxyphenyl)-, (2x)-2-butenedioate (1:3)
(CA INDEX NUME)

CMS 262441-69-0 CMS C31 B38 N6 O

ARSMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

262441-75-8 CAPLUS
7B-Pyrrolo[2, 3-d]pyrinidin-4-anime, 7-[cim-4-(4-ethyl-1-paperanayl)cyclobacyl)-5-(4-phenoxyphenyl)- (CA IRBEX NUME) Relative stereochemistry.

262461-76-9 CARLOS 78-Pyrrolo(2,3-d)pyrinidin-4-anine, ?-[cis-4-[4-(1-methylethyl)-1-pipersariny]]cyclohesyl]-5-(4-phenoxyphenyl)-, (22)-2-butenedicate (1+3) (CA_INDEX_BWE)

ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CMM 110-16-7 CMF C4 84 O4

262.441-78-1. CAMPUSE The Proposition of the Computation of the Compu

CN 1

CMF 262441-71-4 CMF C31 H38 N6 O2

Relative stereochemistry

15 AREMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 2

CRN 110-16-7 CRF C4 R4 04 Double bond geometry as shown

262441-78-2 CAPLUS
7E-Fyrrolo(2,3-d)pyrinidin-4-anine, 7-(trans-4-[4-(2-methoxyethy1)-1-piperaxinyl)gyclobay1)-5-(4-phenoxypheny1)-, (22)-2-butenedioate (1:3) (CA INDEX NUME)

CM 1

CRN 262441-73-6 CMF C31 838 N6 O2

Relative stereochemistry.

ANSMER 14 OF 25 CAPLUS COPTRIGHT 2007 ACS on STN (Continued)

CN 2

Double bond geometry as sho

262441-81-6 CAPLUS
1,2-Ethanedianize, N'-[els-4-[4-amize-5-(4-phenoxyphenyl)-2B-pyzrole[2,3-d]pyzinidim-7-yl]cyclobexyl]-N,N-dimethyl-, [22)-2-butenedicate (1:3) (SCI) (CX INDEX NOME)

CN 1

CRN 262441-80-5 CMF C28 834 N6 O Relative stereochemistry.

ANNUAR 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

Double bond mometry as shown

383 262441-83-8 CAPL/S
CN 1/2-Sthamedianize,
(**Titans-f-(*-anize-5-(*-d)-monayphenyl)-78-pyrrolo[2,3-d)
(**pyrindam-7-y2)-syclobesyl)-8,N-dimethyl-, (*22)-2-butenedicate (1:1)
(SCI) (CA INEXE MUMIL)

OH 1

CRN 262441-82-7 CMY C28 834 N6 O

ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



ON 2

Double bond memetry as shown

PN 262441-85-0 CAPLUS CN 78-Pyrrolo[2,3-d]pyrinidin-4-anine, 7-[eis-4-[3-(18-inidazol-1-y1]pyropyl]pyrolopyl]-5-(4-phenoxyphenyl)-, [22)-2-butenedioate (1:3)

ON 1 CRN 262441-84-9 CMF C30 H32 N6 O

15 AREMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

louble bond geometry as shown.

B020 S C028

262441-87-2 CAPLES 7K-Pyrrolo(2,3-d)pyrimidin-4-amine, 7-[trans-4-[3-(1E-imidarol-1-yl)propyl)cysloheayl)-5-(4-phenoxyphenyl)-, (22)-2-Eutenedicate (1s2)

INDEX NAME) CM 1

CR21 262441-86-1 CREF C30 R32 NG O

Relative stereochemistry.

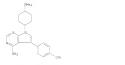
AMEMER 14 OF 25 CAPLUS COPTRIGHT 2007 ACS on STN (Continued)

Double bond geometry as shown.

PN 262441-58-3 CAPLUS CR 7E-Pyrrolo(2,3-d)pyrinidin-4-mnine, 7-[cis-4-(dimethylamino)cyclohexyl)-5-(4-phenoxyphenyl)- (CA INDEX NUME)

Relative stereochemistry.

15 AMBNER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



00 262441-89-4 CAPUUS 20 78-Pyrrolo(2,3-0)pyrindin-4-amine, f-[cia-4-[dinethylanino]cyclobexyl]-5-[4-pkenoxyphozyl]-, [22)-2-brishedioate (1:2) (CA INDEX NAME)

CMN 262441-88-3 CMF C26 H29 N5 O

Relative stereochemistry.

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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

262441-91-8 CAPLUS 78-Pyrrolo(2,3-d)pyrimidin-6-amine, 5-(6-phenoxyphenyl)-7-(trans-6-(1-piperidinyl)-eyelohezyl)-, (22)-2-buteredicate (1:2) (CA INDEX NAME)

CM 1 CRN 262441-90-7 CMF C29 R33 N5 O

CRN 110-16-7 CMF C4 B4 O4

Double bond geometry as shown

38 262441-92-9 CAPLUS CB 7H-Pyrrolo[2, 3-d]pyrinidin-4-anine, 7-[cix-4-(baxshydro-4-nethyl-1H-1,4-diazepun-1-yl)cyclohexyl]-5-(4-phenoxyphenyl)-, dihydrochloride (RCI)

INDEX NAME)

15 AREMER 14 OF 25 CAPAUS COPYRIGHT 2007 ACS on STN (Continued)

221 201441-94-3 CAPACE CH 7R-Pyrrolo(2,3-clpyrinidin-4-amine, 5-(4-phenoxypheny1)-7-(cis-4-11-pipera.nny1)cyclohexy1)-, (22)-2-buteredioate (1:3) (CA INDEX NAME) CM 1

C921 262441-93-0 CMF C28 E32 26 O

Relative stereochemistry.

15 ANSMER 14 OF 25 CAPLUS COPTRIGHT 2007 ACS on STN (Continued)

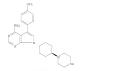
CM 2 CMS 110-16-7

Double bond geometry as shown

B02C 2 C02

380 262441-95-2 CAPLUS
GN 78-Pyrrole(2,3-d)pyrinidin-4-anine, 5-(4-phenoxyphenyl)-7-[trans-4-(1-phenoxyphenyl)-7-(trans-4-(1-ph

15 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continue



300 202443-04-3 CAPATE CO TE-Pyrrolo[1,3-d]pyrinidin-4-anine, 5-(4-phenoxyphenyl)-7-[trans-4-(1-piperazny2)cyclobaxyl]-, (ZZ)-2-butenedioate (113) (CA INDEX NAME) CM 1

CMS 262441-95-2 CMS C28 M32 NS O

Relative stereochemistry.

CRN 110-16-7 Page 169 L5 ANSMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
OMF C4 B4 O4
Double bond geometry as shown.

802C 3 CO28

NR 262441-98-5 CAPLUS CR 78-Pyrrolo(2,3-d)pyrinidin-4-anine, 7-[3-(4-methyl-1pipera.iny)/cyclopentyl)-5-(4-phenoxyphenyl)-, (2E)-2-butenedioate (1:3) (CA INDEX NUME)

CRN 262441-97-4

H210 Me

CM 2 CMN 110-16-7

Double bond geometry as shown

020 B CO2B

281 262441-99-6 CAPLES CRI Benzemenethanol, 4-(4-anino-7-oyelopentyl-78-pyzzolo(2,3-d)pyzimidin-5-yl)m-phenyl- (CA IRBEE MAME)

15 ARSMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

262442-01-3 CAPLUS
78-Pyrrolo(2,3-d)pyramdin-4-anime, 7-{[1E,3E)-3-[4-methyl-1-piperaninyl)opolobexyl]-5-(4-phenoxyphenyl)-, rel-, (22)-2-buteredicate [13] [50] [CA 1808E NAME)

CRN 110-16-7 CMF C4 E4 O4

Double bond geometry as shown.

ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CRS 110-16-7 CRF 04 R4 04

Double bond geometry as shown.

262442-05-7 CARL/S 78-Pyrrolo(2,3-d)pyrinidin-4-amine, 7-[(18,38)-3-[4-methyl-1-piperax.myl)oyelohexyl]-5-(4-phenoxyphenyl)-, trihydrochloride, rel-

(CA INDEX NAME) Relative stereochemistry. L5 ANSMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

PM 262442-02-4 CAPLES
CM 78-Pyrrolo[2,7-d]pyrimidin-4-unime, 7-[(1E,7E)-3-(4-methyl-1-pyrrainyl)cyclobesyl)-5-(4-phenoxyphenyl)-, tribydrochloride, rel-(CA INDEX NAME)

262442-04-6 CAPLAS
78-Pyrrolo[2,3-d]pyrimidin-4-anime, 7-[11E,38)-2-(4-methyl-1piperaxinyl)eyelobexyl]-5-(4-phenoxyphenyl)-, rel-, (ZZ)-2-mutenedicate
[133] [SC1] (CA INDEX NUME)

CN 1

CRN 262442-03-5 CMF C29 B34 N6 O

Relative stereochemistry.

ANSWER 14 OF 25 CAPLUS COPYRIGHT 1007 ACS on STN (Continued)



IRS 262442-07-9 CAPLOS CH 78-Pyrcolo(2,3-04)pyrinddn-4-amine, 5-(2-nethyl-1-phenoxyphenyl)-7-(trans-4-(4-nethyl-1-piperaxinyl)-pylohosyl]-, (22)-2-butenedicate (1:2) (CA IRDEX NOWL)

ON 1 CRN 262442-06-8 CMF C30 R36 N6 O

Relative stereochemistry.

15 AREMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) CM 2

NN 262442-08-0 CAMPUTS
CN Carbanic acid, [2-44-morpholinyl)ethyl]-, 3-[4-anim 7x-pyrrolo[2,3-d]pyrinidin-7-yl]cyclopantyl ester, (SCT) (CA INDEX NAME)

• EC1

262442-11-5 CAPUNS
Bentamide, N-[4-[4-vanino-?-[cis-4-(4-nethyl-1-piperatinyl)cyclobexyl]-7B-pyrrolo[2,3-d]pyrinidin-5-yl]-2-nethoxyphenyl]-2,4-diffuoro-,
[22)-2-burenedicate [1:3] (CA_INDEX_NAME)

OH 1 CMS 262442-10-4 CMS C31 B35 P2 N7 C2

- - CR21 262442-12-6 CMF C31 835 C12 N7 G2

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LS ANSMER 14 OF 25 CAPLUS COFFRIGHT 2007 ACS on STN (Continued)

PAGE 2-A

CRN 110-16-7 CMF C4 B4 O4

Double bond geometry as shown.

HR 262442-13-7 CAPLUS

ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

262442-15-9 CAPLOS

Benzanide, N-[4-[4-anino-7-]cis-4-(4-methyl-1-piperazinyl)cycle
pyrrolc[2,3-d]pyrinidin-5-yl]-2-methoxyphenyl]-2,6-dichloro-,
[22)-2-buttenedicate [1:3] (CA IMBEX SOME)

CRN 262442-14-8 CMF C31 R35 C12 N7 G2

Relative stereochemistry.

PAGE 1-A PAGE 2-A

CM 2

15 AREMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) CM 2

Double bond geometry as shown.

(CA INDEX NAME) CM 1

CMN 262442-16-0 CMF C31 H37 N7 O2

Relative stereochemistry.

15 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACR on STN

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C929 110-16-7

262442-21-7 CAPL/DS Benzanide, N-[4-[4-anino-7-]ois-4-(4-methyl-1-piperazinyl)oyolohexyl]-78-pyzrolo[2,3-d]pyznnidn-5-yl]-2-methoxypbenyl-2-obloro-5-[trifluoromethyl]-, (23-2-bente-mediate [13] (CA NRMEN NRME)

OH 1

CMS 262442-20-6 CMS C32 N35 C1 F3 N7 O2

Relative stereochemistry.

1.5 ARSMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) CMF C4 R4 O4 Touble bond geometry as shown

CN 1 CRS 262442-18-2 CNF C31 R35 C12 N7 G2

Relative stereochemistry.

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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN PAGE 1-A

PAGE 2-A

CRN 110-16-7 CMF C4 B4 O4

Double bond geometry as shown

EN 262442-22-8 CAPLUS CN Benzenepropananide, N-[4-[4-amino-7-[ciz-4-(4-methy1-1-

psperaziny1)cyclobexy1]-78-pyrrolo[2,3-d]pyrimidin-5-y1]-2-methoxypheny1]-(CA INDEX NAME)

15 AREMER 14 OF 25 CAPAUS COPYRIGHT 2007 ACS on STN (Continued)

Relative stereochemistry

PAGE 2-A

Relative stereochemistry.

15 ANSWER 14 OF 25 CAPLUS COPPRIGHT 2007 ACS on STN (Continued PAGE 1-A

PAGE 2-A

No. 20242-13-1 CAPOOS OF Sentancido, N-14-vanino-7-|cix-4-(4-methyl-1-piperazinyl)cyclohexyl)-78 pyxxolo(2,3-d)pyxxnxdxm-5-yl)-2-methoxyphenyl)-2,6-damethoxy- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



PAGE 2-A

PSI 262442-26-2 CAPLUS
CR Renzancie, N-[4-[4-anizo-7-[cis-4-[4-nethyl-1-pipsraximyl)cyclobacyl]-7, pyzrolo[2,7-d]pyz midin-5-yl]-2-nethoxyphenyl]-7, 4-dichloro- (CA INDEX NMS)

felative stereochemistry

13 MORRE 14 OF 23 CRAUGE COPPRIGHT 2007 ACG on 200 Contained PAGE 1-A

| 221 | 24244-27-3 CASUS | 22 | 24244-27-3 CASUS | 23 | 24244-27-3 CASUS | 24244-27-3 CASUS | 24244-27-3 CASUS | 24244-27-3 CASUS | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 24244-27-3 | 242



LS AMEMER 14 OF 25 CAPLUS COPTRIGHT 2007 ACS on STN

FM 262442-28-4 CAPLUS GN Bentanide, R. [4-[4-maino-7-[cis-4-(4-methyl-1-paperarinyl)cyclobexyl]-7B-pyrrol(2,7-d)pyrinidis-5-yl]-2-methoxyphenyl]-4-fluoro- (CA INDEX NAME) Belative stereochenistry.

15 ANNER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued PAGE 1-A



22 26244-29-5 CAPL/S

CB Benaming, N: [4-(4-mino-7-[clis-4-(4-methyl-1-piperazinyt) eyelobasyl)-Tapyyrolo[2-7-4]pyrandin-5-yl]-2-methoxyphenyl)-4-mbloro- (CA INDEX NUME)

Relative sterocohemistry. 15 ANNARE 14 OF 25 CAMUNE COPYTIONY JOST ACS ON SYN CONTINUES FACE 1-A.

Relative stereochemistry.

15 AREMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

392 262442-31-9 CAPLUS CE Benramide, R-[4-[4-mino-7-[cix-4-(4-methyl-1-piperaxinyl)cyclohexyl]-TBpyrrolo[2,3-d]pyrundin-5-yl]-2-methoxyphenyl]-4-[trifluoromethyl)- (CA NECK 2004)

PAGE 2-A

L5 AMEMER 14 OF 25 CAPLUS COFFEIGHT 2007 ACS on STN (Continued)

PAGE 1-A

No

3H 26.445-23-0 CMUUS Checkendid, W-[4-1] ension-7-[cls-4-[4-nethy]-3-paperatanyl)cyclobasyl]-7Hpyrrolo[2,7-d]pyrinidis-5-yl]-2-nethoxyphesyl]-2-phenoxy- [CA INGEX DMME)
Felative stereobenistry.

15 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

383 262442-33-1 CAPLUS
Acetamico-7-[cas-4-(4-nethyl-1-paperaxinyl)cyelohexyl]-78pyrrolo[k]-3-8|pyrandin-5-yl]-2-nethoxythenyl]-2-(4-phlorophenoxy)- (CA
INDEX NMMS)

Relative stereochemistry.



Page 175

15 ANSMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

NB 86441-34-2 CRIUS Chyclopropassearboandid, N-[4-]4-anino-7-[cix-4-[4-esthyl-1pips-azinyl) pyclobasyl-1-76-pyzrolo[2,3-d]pyrindia-5-yl]-2-esthoxyphenyl--phenyl-, [2k,3k]-esl- (C. INEES RMMS) Belalive sterochhmistry.

FAGE 2-A.

RN 262442-35-3 CAPLOS

15 ANSMER 14 OF 28 CANADS COPPRIGHT 7007 ACS on STM (Continued) CB Benzandek, R-1(-14-manno-7-lease-4(-4-methyl-1-apparainyl)cyclohosyll-TM-pyrrolo[3,3-d]pyranidin-5-yl]-2-methosyphemyl]-4-cyano- (CA INDEX NAME)

Relative stereochemistry.

PAGE 2-A

ONe CH

RE 262442-36-4 CAPLUS
CR Bentanide, R-[4-[4-anino-7-]els-4-(4-eethyl-1-piperaxisyl)eyelobasyl)-TB-syrrolo[2,7-dipprinidis-5-yl]-2-nethoxyphesyl]-2-nitro- (CA INDEX NAME)
Zelative stereochemistry.

300 #2442-38-6 CATCIS CB Sensarios, N-[4-(4-axino-7-(aix-4-(4-nethyl-1-piperazinyl) cyclobasyl)-78pyrroio[2,3-4)pyrinidin-5-yl)-2-nethosyphenyl)-7,5-difluoro- (CA INDEX MARK.

Relative stereochemistry



PN 262442-37-5 CAPLUS
CH Bennanide, H-[4-(4-anino-7-[cis-4-(4-osthyl-1-piperarinyl)cyclobesyl)-7Hpyrtol(2,7-d)pyrinidin-5-yl)-2-osthoxypbesyl)-4-mitro- (CA INDEX WANE)
Belative stereochenistry.



RH 262442-39-7 CAPLUS Acetanide, httl-4f-aniso-7-[eis-4-(4-methyl-1-paperssinyl)eyelohesyl)-7Hpyrrolo[2,3-4]pyramain-5-yl]-2-methosyphesyl]-2-(phenylmethosy)- (CA-JIDEX [MMS)

Rolative stereochemists

15 ARSMER 14 OF 25 CAPACS COPYRIGHT 2007 ACS on STN (Continued)

202442-40-0 CAPLUS COM Beatanide, N-[4-[4-anino-7-[cis-4-(4-methyl-1-piperarinyl)cyclohexyl]-TBpyrrolc[2,3-d]pyrinidin-5-yl]-2-methoxyphenyl]-3-cyano- (CA INDEX NAME) L5 AMEMBER 14 OF 25 CAPLUS COPTRIGHT 2007 ACS on STN (Continued)

PAGE 2-A

NN 262442-41-1 CAPLUS CN Benzanide, N-[4-[4-aniso-7-[cis-4-[4-nethyl-1-paperarinyl]cyclohexyl]-7N-pytrolo[2,3-d]pytinidin-5-yl]-2-nethoxyphexyl]-2,3-diffuoro- (CA INDEX NOME)

Relative stereochemistry.

15 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN [Continue



PAGE 2-A

23 28/46-42- CMRCS 3-5yridinearboxumis, N-[4-[4-mino-7-[ciz-4-[4-mithyl-1paperalinylloyoloheys]]-78-pyrrolo[2,2-4]pyrinidin-5-yl]-2-methoxyphenyl]-6-mino- (CM_2000X_NMSS) L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
PAGE 1-A



PAGE 2-A

321 42-42-43-2 CAPLUS Bennande, H-(4-f-aniso-7-[cax-4-(4-methyl-1-pipararinyl)cyclohoxyl)-THpyrrolo[2,7-4]pyrundin-5-yl]-2-methoxyphenyl)-4-(trafluoromethoxy)- (CA 1808x 1946)

Relative stereochemistry

13 AMERIA 14 OF 25 CAUSE OFFICIARY 2007 ACC on S70 (Ontineed)
PAGE 1-A

DE 261442-44-4 CAPUUS
CH Bensanide, N-[4-[4-anino-7-[cis-4-(4-nethyl-1-piperarisyl)cyclohasyl]-77
gyrodo[2,3-4]pyrsnidin-5-yl]-1-nethoxyphenyl]-2,4,4-trifiboro- [CA
2002X

Relative stereochemistry.

AGMEL 14 OF 25 ORDER OFFERENT 2807 ACS on STOL ORDER 1-A

PN 262442-65-5 CAPLUS
CN Benzanide, N-[4-[4-maino-7-[cis-4-(4-mathyl-1-papersznyl)cyclobexyl]-7R
pyrrolo[2,7-d]pyrinidin-5-yl]-2-methoxyphenyl]-2-chloro-6-fluoro(CA INDEX MORE NO.

Relative stereochemistry.

AND AND 14 OF 25 CARCIN COPYSION 2007 ACM on BTH CONTAINED PAGE 1-A.

320 N21442-46-6 CARLUS G Benzanies, N-[4-[4-anino-7-[cia-4-(4-nethyl-1-piperazinyl)cyclohazyl]-78 pyrrolo[1,7-6]pyranidam-5-yl]-2-nethoxyphenyl]-6-(dimethylanino)- (CA IDEN: NOSE)

PAGE 2-A

Relative stereochemistry

FEI 262442-47-7 CAPLUS
CRI Acetanade, N-[4-[4-mino-7-]cax-4-(4-methyl-1-piperarinyl)cyclohoxyl)-7H
gyrrolo[2,3-4]pyrinidin-5-yl)-2-methoxyphenyl)-2-methoxy- (CA INDEX
NOME)

Relative stereochemistry

15 AMENUR 14 OF 25 CAPACS COPYRIGHT 2007 ACS on STN (Continue

Ned July Otto

22 242442-49-9 CAFLUS CM 7E-Pyrrolo[2,7-d]pyrinidin-4-anine, 7-(trans-4-[4-(methoxymethyl)-1-piperaninyl)opclobesyl)-5-(4-phenoxyphenyl)-, (22)-2-butenedloxte (1:2) (C. NDEX NAME)

- CM 1
- CR20 262442-48-8 CMG C10 R16 NG C2

Value (no staranobanistico

L5 AMEMER 14 OF 25 CAPLUS COPTRIGHT 2007 ACS on STN (Continued)

- CN 2
 - CMF C4 84 04

Double bond geometry as shown

- но₂с 2
- NN 262442-51-3 CAPLUS CR 78-Pyrrolo(2,3-d)pyrinidin-4-anine, 7-{els-4-(35)-3-(dinethylanino)-1-pyrrolidinyl)cyclobenyl}-5-(4-phenosyphenyl)-, (22)-2-butenedioate (1:3) (CL NECK NMC)
 - CN 1
- CRN 262442-50-2 CMF C30 B36 N6 O Absolute stereochemistry.

15 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CR20 110-16-7 CREF C4 R4 04

Double bond geometry as shown

1020 2

38 2614(2-51-5 CAPLUS 27 78-Pyrrolo(2,3-4)gyrinidin-4-anine, 7-[trans-4-[18)-3-(dinethylanino)-1pyrrolidiny]]gyrlohesyl]-5-(4-phenoxyphenyl)-, (22)-2-butenedicate (1:2) [CX INCK IMME)

- CM 1
- CRS 262442-52-4 CMF C30 B36 N6 0

Absolute stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



- CM 2 CMR 110-16-7 CMF C4 B4 O4
- Double bond geometry as shown
- HOZC S
- PRI 262442-55-7 CAPLUS
 CRI 78-bycrolo[2,3-d]pytinidin-4-anise, 7-{eis-4-{178}-2-(disethylaniso)-1-pytrolidinyl)cytohenyl)-5-(4-phenosybbasyl)-, (22)-2-butenedioate (1:2) (CR PREE NOWE)
 - CR 1 CR3 262442-54-6 CRF C30 B36 N6 0
 - OME C10 R16 ME O

Absolute stereochemistry

15 AMSMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continue



CM 2

Touble bond meanetry as shown

8020 E

233 4244-57-9 CAPUNS
23 78-Pyrtol(2)-7-61pyr.midin-4-amine, 7-[txams-4-[178)-9-(dimethylamino)-1pyrxolakinyllygioheayl)-5-[4-phenoxyphenyl)-, [22)-2-burtenedicate (1x3)
[CA 1882K MAMES]

ON 1 CRS 262442-56-8 ONE CRS 826 NG 0

Absolute stereochemistry.

LS AMEMBE 14 OF 25 CAPLUS COFFEIGHT 2007 ACS on STN (Continued)



CM 2 CMN 110-16-7 CMF C4 H4 O4

louble bond geometry as shown

802C E 0028

EN 262442-59-1 CAPLUS CN 78-Pyxrolo[2,7-e]pyxinidin-4-anime, 7-[cis-4-[4-(methoxymethyl)-1-piperaxinyl]eyclobenyl]-5-(4-phenoxyphenyl)-, (25)-2-butenedicate (1:3) (CA INDEX NAME)

CR 1 CRS 262442-58-0 CRF CS0 836 N6 G2

Relative stereochemistry.

15 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CM 2

ouisle bond mometry as show

8020 2

NN 262442-60-4 CAPLUS CN Cyclobeaszacactonitrile, 4-(4-amino-5-(4-phenoxypheny1)-7H-pyrrolo(2,3-d)pyramins-7-y1-1-hydroxy-, cns- (CA THORE NAME)

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



IN 262442-61-5 CAPLUS
CN 7N-Pyrrolo(2,3-d)pyrinidin-4-amine, 5-(4-amino-3-fluorophenyl)-7-[4-(4-methyl-1-piperarinyl)cyclobesyl)- (CA INDEX NOME)



NN 282442-62-6 CAPLUS CN Benzenezulfonamide, N-[4-[4-amino-7-[ciz-4-[4-methyl-1-

piperaziny1)cyclobexy1]-78-pyrrolo[2,3-d]pyrimidin-5-y1]-2-fluoropheny1]-4fluoro- (CA INDEX NAME)

relative stereochemistry.

15 AREMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) PAGE 1-A PAGE 2-A P21 262442-63-7 CAPLUS CN Benrezerulforanide, N-|4-|4-amino-7-|cis-4-|4-methyl-1piperarinyl)cyclohexyl)-7E-pyrrolo[2,3-d]pyrEnidin-5-yl]-2-fluorophenyl]-4-fluoro-, [28]-2-butenedicate [1:3] [CA INDEX NAME] CM I CMN 262442-62-6 CMF C29 N33 F2 N7 O2 S CM 1 CR22 262442-64-8 CMF C29 R33 F2 N7 O2 S Relative stereochemistry. PAGE 1-A PAGE 2-A CH 2

LS ANSMER 14 OF 25 CAPLUS COFFRIGHT 2007 ACS on STN (Continued) PAGE 1-A PAGE 2-A CRS 110-16-7 CMF C4 84 04 Double bond geometry as shown. NN 262442-65-9 CAPLUS

262442-78-4 CAPLUS Benzanide, -[4-amino-7-(4-oxocyclohexyl)-78-pyrrolo[2,3-d]pyrinidin-5-yl]-2-sethoxyphenyl]- (CA INDEX NUME)

CHN 262442-79-5 CMF C32 H39 N7 O3 Relative stereochemistry.

Double bond geometry as shown

AREMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

122 262442-81-9 CAPLUS CR Benzaride, N-[4-(4-unino-7-[trans-4-(4-nethyl-1-piperarinyl)cyclobszyl]-78-pyrrol(1,3-d)pyrinidin-5-yl)-2-nethoxyphenyl]- (CA TRUDK NAME)



Page 182

AMEMER 14 OF 25 CAPLUS COPTRIGHT 2007 ACS on STN (Continued)

262442-83-1 CAPLOS Benzemesulfonsmide, N-[4-[4-amino-7-[trans-4-(4-methyl-1piperazinyl)cyclobexyl)-78-pyzrolo[2,3-d]pyzinxdin-5-yl]-2-fluorophenyl]-2-(trifluoromethoxy)-, (22)-2-butemedicate (1:3) (CA IMDEX NME)

CES 262442-82-0 CMF C30 833 F4 N7 03 S Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) CH 1

CMM 262442-84-2 CMF C27 831 C1 F N7 O2 82 Relative stereochemistry

PAGE 1-A

PAGE 2-A

Double bond geometry as shown

CN 2

15 AREMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) H1 262442-88-4 CAPLUS CN Beszenezulfomanide, N-[4-[4-amino-7-[trans-4-[4-methyl-1piperaziny1)cyclohexy1]=7f=pyrrolo[2,3-d]pyrinidin=5-y1]=2-fluoropheny1]=2-chloro-4-fluoro-, (22)=2-butenedicate (1:3) (CA INDEX NAME) CM 1 CRS 262442-07-5 CMF C29 B32 C1 F2 N7 O2 B PACE 1-A PAGE 2-A CM S PAGE 2-A 202 202442-93-3 CAPLUS
CN Benzenesulfonamide, N-[4-[4-amino-7-[0is-4-[4-methyl-1-

15 MEMORE 14 OF 25 CARLOS CONTRIONT 2807 ACS on EDM (Containment)

OH 18-16-7

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DOUBLE Mond questing as aboves.

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MI 2014-05-1. COLORS 5. [1.1] LANGES C. [1/20] L. [1/20]

1.5 ANNMER 14 OF 25 CAPLOR COPYRIGHT 2007 ACR on STN (Continues)

FACE 3-A

PAGE 3-A

CRN 110-16-7 CMP C4 R4 O4 Double bond geometry as shown.

CM 2 CMM 110-16-7 CMM C4 84 04

13 MARGES 14 OF 23 CAPACTS OPPRISENT NOT ACS on STM (Continued CR) 252462-46-4 (2015) 252462-46-4 (2015) 252462-46-4 (2015) 252462-46-4 (2015) 252462-46-4 (2015) 252462-46-4 (2015) 252462-46-4 (2015) 252462-46-4 (2015) 252462-4 (2015) 252

CRN 262442-99-9 CRF C19 B32 F N9 C2 S2

Relative stereochemistry.

ON 1 CRR 262442-96-6 ONF C29 R32 R3 N7 O2 S

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1.5 MARKER 14 OF 23 OWNER OF THE OFFICE ACTS OF THE OFFICE 1-A.

PROE 1-A.

CH 2 CRR 110-16-7 CHF C4 R4 O4

Double bond geometry as shown.

102C S CO2B

RN 262443-03-8 CAPLUS
CN Benzenesulfosamide, N-[4-[4-anino-7-[trans-4-(4-methyl-1-piperarinyl)eyelohemyl]-7H-pyrrolo[2,3-d]pyrinidin-5-yl]-2-flworophenyl]-2,3,4-triflworo-, (25)-2-butemedicate [1:3] (CA INDEX NAME)

PAGE 2-A

CRN 262443-02-7 CNF C29 B31 F4 N7 O2 S

15 ARSMLR 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) Relative stereochemistry. PAGE 1-A PAGE 2-A

CMM 110-16-7 CMM C4 84 04 Double bond geometry as shown.

piperaziny1)eyelohexy1]=78-pyrrole(2,3-d)pyrimidin-5-y1]=2-fluoropheny1]=2-fluoro-, (20)=2-butenedioate (1:3) (CA IMDEX NAME)

CM 1 CR22 262443-06-1 CNF C29 H33 F2 N7 O2 B

Relative stereochemistry.

AMEMER 14 OF 25 CAPLUS COPTRIGHT 2007 ACS on STN (Continued)

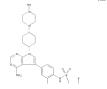
CM 1

CRS 262443-04-9 CNF C29 E33 F NO C4 S

Relative stereochemistry.

PAGE 1-A

PAGE 1-A



Double bond geometry as shown.

262443-69-4 CAPLUS
Benzenarulfonanide, N-[4-[4-mnzo-7-[ciz-4-[4-nethyl-1-paperarinyl)cyclohexyl]-7H-pyrrolo[2,3-d]pyramidin-5-yl]-2-fluorophenyl]-2,4,6-trichloro-, (22)-2-batemedicate [1:3) (CA_RMEX_WARD)

15 AREMER 14 OF 25 CAPAUS COPYRIGHT 2007 ACS on STR CR21 262443-08-3 CMF C29 H31 C13 P N7 O2 S PAGE 1-A PAGE 2-A

CRS 110-16-7 CRF C4 84 04 Double bond geometry as shown.

PAGE 2-A

piperaziny1) eyelohexy1]=7%-pyrrolo [2,3-d]pyrimidin-5-y1]=2-fluoropheny1]=2-ehloro-, (22)=2-bytemedioate [1:3) (CA IMDEX NAME)

CM 1 CR21 262443-12-9 CMF C29 H33 C1 F N7 C2 B

Relative stereochemistry.

LS AMEMER 14 OF 25 CAPLUS COPTRIGHT 2007 ACS on STM (Continued)

202443-11-8 CAPLUS

Benzenserifoantide, N-[4-[4-anxo-7-[cis-4-[4-pethyl-1-piperarinyl)cyclohay1]-7B-pyrrolo[2,3-d]pyrinidix-5-yi]-2-fluorophenyl]-2,4-dichloro-, [22)-2-butenedicate ([1:3) (CA INDEX NOME)

CMM 262443-10-7 CMF C29 M32 C12 F N7 G2 S

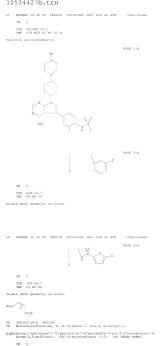
Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN PAGE 1-A

CRN 110-16-7 CMF C4 B4 O4

Double bond geometry as shown

piperazinyl)cyclobexyl]-78-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-3-fluoro-, (28)-2-butenedioate [1:2] (CA INDEX NOME)



CM 1 CMN 262443-16-3 CMF C27 M31 C1 F N7 O2 S2 Relative stereochemistry. L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) PAGE 1-A PAGE 2-A CH 2

FN 262443-21-0 CAPLUS CN Benzenezelfonamide, N-[4-[4-amino-7-[cix-4-[4-methy1-1piperaxinyl)oyolohexyl]-78-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl)-3-

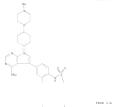
Page 187

CRS 262443-18-5 CRF C29 R31 Rx F3 N7 O2 S Relative stereochemistry.

AREMER 14 OF 25 CAPAIS COPFRIGHT 2007 ACS on STN (Continued) chicro-4-fluoro-, (ZZ)-2-intenedicate (1:3) (CA INDEX NAME) OH 1

CMS 262443-20-9 CMS C29 832 C1 F2 N7 O2 S

PAGE 1-A



- CM 2 CRS 110-16-7 CMF C4 84 04
- PAGE 2-A

piperaziny1)eyelohexy1]=78-pyrrole(2,3-d)pyrimidin-5-y1]=2-fluoropheny1]=2-(trifluoroethoxy)=, (22)=2-bytesedicate (1:3) (CA INDEX NAME)

- CM 1
 - CR22 262443-24-3 CMF C30 833 F4 N7 C3 8

Relative stereochemistry.

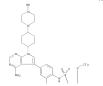
15 ANSMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) Double bond geometry as shown.

piperarinyl)cyclobexyl]=78-pyrrolo[2,3-d]pyrinidin=5-yl]=2-fluorophenyl]=2-iodo+, [22)=2-butemedioate [1:3] (CA INDEX NAME)

CN 1 CRS 262443-22-1 CNF C29 833 F 1 N7 O2 S

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PAGE 1-A



CRN 110-16-7 CMF C4 B4 O4

Double bond geometry as shown.

282443-27-6 CAPLUS
Bennenaralfonanide, N-[4-[4-anino-7-[cis-4-(4-methyl-1piperarinyl)cyclohexyl]-7B-pyrrolo[2,3-d]pyrindin-5-yl]-2-fluorophenyl]2,3-dichloro-, (22)-2-butsendicate (1:3) (CA IREEX NAME)

15 AMEMICR 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN CM 1 CR21 262443-26-5 CMF C29 B32 C12 F N7 O2 S

PAGE 1-A

Double bond geometry as shown.

- PAGE 2-A

- piperaziny1)eyelohexy1]=78-pyrrole(2,3-d)pyrimidin-5-y1]=2-fluoropheny1]=2-ehloro-4-eyazo-, (23)=2-bytemedicate (1:3) (CA IMDEX NAME)
- CM 1 CR21 262443-30-1 CMF C30 H32 C1 F NR O2 B

Relative stereochemistry.

- razinyl) cyclobexyl] -78-pyrrolo [2,3-d]pyrimidim-5-yl] -2-fluorophenyl] -2-chloro-6-methyl-, [25]-2-butenedicate (1:3) (CA 1886X WAS) CM 1
 - CES 262443-28-7 CMF C30 835 C1 F N7 G2 S
- Relative stereochemistry.

PAGE 1-A

- PAGE 1-A
 - - PAGE 2-A
- CRN 110-16-7 CMF C4 B4 O4 Double bond geometry as shown
- 262443-34-5 CAPLUS
 Bennanualfonanide, N-[4-[4-amino-7-[cis-4-[4-nethyl-1-paperarinyl]cyclobay1]-7B-pyrrolo[2,3-d]pyrinidin-5-yl]-2-fluorophenyl]-2,3,4-trifluoro-, [22)-2-netensdicate [1:5] (O. HGEK NAME)

15 AMEMIA 34 OF 25 CAPACS COPPRIGHT 2007 ACS on STN (Continues) Of 1 (Cont

PAGE 1-A

PAGE 2-A

CM 2 CRE 110-16-7 CRE C4 84 04 Double bond geometry as shown.

15 ANNHER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
PAGE 2-A

CM 2 CMM 110-16-7 CMM C4 84 04

Double bond geometry as shown.

98 262443-40-3 CAPLUS CD Benzesesulfonanzée, N=[4=[4-anizo=?-[cis=4=(4-methyl=1=

piperazizy1) cyclohexy1)=7#-pyzrolo(2,3-d)pyzinidin-5-y1)=2-fluoropheny1)=4bromo-2-fluoro-, (22)-2-brtenedioate (3:3) (CA INDEX NAME)

CM 1 CMN 262443-39-0 CMF C29 M32 Mx F2 N7 O2 M

Relative stereochemistry.

1.5 ANSMER 14 OF 25 CAPLUS COFFRIGHT 2007 ACS on STN (Continued)

802C 8 CO28

38 26143-77-8 CAPLUS GR BenzengerIfosanide, N-[4-[4-anino-7-[cis-4-(4-pet byl-1-piperariny])cyclobasyl]-78-pyrrolo[2, 3-d]pyrinidin-5-yl]-2-fluorophenyl]-3,4-difluoro-, [22)-2-buttamedicate [113] (C. 180K: NME)

ON 1 CMN 262443-36-7 CMF C29 832 F3 N7 O2 S

CMF C19 M31 F3 N7 02 Relative stereochemistry.

7968 1-A

1.5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

PAGE 2-A

) on 2

CRS 110-16-7 CRF C4 B4 C4 Double bond geometry as shown.

802C 2 0021

2-Thiophenezulfonamide, N-[4-[4-amino-7-[ciz-4-(4-methyl-1-

piperaziny1)cyclobexy1]-7W-pyrrolo[2,3-d]pyrimidim-5-y1]-2-fluoropheny1]-5 bromo-, (22)-2-bwtenedioate (1/3) (CA DEDEX NAME)

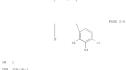




15 ANNIMA 14 OF 25 CARLOR COTTENED TOOT ACE OR STYL (Continued)

FACE 1-A

FACE 1-A



CFM 110-16-7 CMF C4 H6 O4 Double bond geometry ax shown.

 $\begin{array}{lll} & 262443-49-2 & CAPLUS\\ CN & 2-ThiopheneurIfonamide, & N-[4-[4-anino-7-[cnz-4-[4-nethyl-1-piperazinyl) cyclobexyl]-78-pyrrolo[2,3-d]pyrindin-5-yl]-2-Cloorophenyl]-3- \\ \end{array}$

15 ARSMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) hrono-5-chloro-, (22)-2-buteredicate (1:2) (CA INDEX NUME) CH 1

CMF 262443-48-1 CMF C27 830 Br C1 F N7 O2 82

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CM 2

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 2 CMN 110-16-7 CMF C4 84 04

Double bond geometry as shown.

P22 262443-53-8 CAPAUS CN 2,1,3-Benroxadiarole-4-sulfonanide, N-|4-|4-anino-7-|ois-4-|4-nethyl-1piperarinyl)eyelohexyl)-78-pyrrolo[2,3-d]pyrinidin-5-yl]-2-fluorophenyl]-,
[22)-2-butenedicate (1:3) (CA INDEX NAME)

CM 1

CR21 262443-52-7 CRE C29 R32 F N9 O3 S

Relative stereochemistry.

PAGE 1-A

L5 ANSMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) Double bond geometry as shown.

PN 262443-51-6 CAPLUS CN 2,1,3-Remiothiadiarole-4-mulfonumide, N-[4-[4-amino-7-[cix-4-[4-methyl-1piperarinyl)cyclobexyl)-78-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fleorophenyl)-,
(22)-2-betenedicate (1:3) (CA NRMEN NAME)

CM 1

CRN 262443-50-5 CMF C29 R32 F N9 G2 S2 Relative stereochemistry.

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15 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) PAGE 2-A

CMN 110-16-7 CMF C4 84 04

CN 2

FM 262443-55-0 CAPLUS CH 2,1,3-Benrowadiarole-4-sulfonanide, N-[4-[4-amino-7-]cis-4-[4-methyl-1piperaziny1)cyclohexy1]-7%-pyrrolo[2,3-d]pyrimidin-5-y1]-2-fluoropheny1]-7chloro-, (22)-2-butenedicate [1:1) (CA IMDEX WME)

CN 1

C99 262443-54-9 CMF C29 831 C1 F N9 G3 S Relative stereophemistry.

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15 AREMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

PAGE 2-A

CNN 110-16-7 CNF C4 84 04

Double bond geometry as shown.

FS: 262443-57-2 CAPLUS
CN 2,1,3-Benrothiadiarole-4-gulfonamide, N-[4-[4-amino-7-[cnz-4-(4-methyl-1-

CM 1

CRN 262443-56-1 CRF C30 R34 F R9 C2 52

Relative stereochemistry.

CN 2

LS AMEMER 14 OF 25 CAPLUS COPTRIGHT 2007 ACS on STN

(Continued) PAGE 1-A

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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

piperazinyl) cyclobexyl)=78-pyrrolo[2,3-d]pyrimidin=5-yl]=2-fluorophenyl]=5-nethyl=, (22)=2-butenedicate (1:3) (CA INDEX NAME)

CM 1 CR2 262443-58-3 CRF CI0 RI4 F RP 02 R2

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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) PAGE 2-A

CN 2

980 262443-61-8 CAPLUS
CH 2,1,3-Semrothiadiarole-4-sulfomanide, N-[4-[4-amino-7-[cis-4-(4-methyl-1piperariny1)cyclohexy1)-78-pyrrolo[2,3-d]pyrinidin-5-y1]-2-fluoropheny1)-5-chloro-, (25)-2-bytemedicate (1:3) (CA INDEX NAME)

CH 1 CMF 262443-60-7 CMF C29 H31 C1 F N9 G2 B2 Relative stereochemistry.





CR21 262443-64-1 CMF C29 H33 Bx F N7 O2 8

Relative stereochemistry.

CM 1

CES 262443-62-9 CMF C30 835 C1 F N7 O2 S

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L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN PAGE 1-A

Double bond geometry as shown

1.5 AREMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) OH 1

CRE 262443-66-3 CRE C29 830 8x2 F3 N7 O2 8

Proce to a

PAGE 2-A

CM 2 CMS 110-16-7 CMF C4 84 04

Double bond geometry as shown

15 ANSWER 14 OF 25 CAPLUS COPYRIGET 2007 ACS on STN (Continued)
CM 2

CMS 110-16-7 CMS C4 84 04

Double bond geometry as shown.

802C S CO2B

22) 202443-70-9 CAPLUS
CD 1-Paperasimeerioximidanide, 4-[dis-4-[4-amino-5-(4-phenoxyphenyl)-7:
pyrxolo[3,7-d]pyrxindim-7-yl]oyolohexyl)- (CA INDEX NAME)
Melative streochemistry.



20 362447-71-0 CAPL/08 CN 1-Piperalimentalboundamide, 4-[trans-4-[4-amino-5-[4-phenoxyphenyl)-78 pyrrolo[2,3-d]pyrandim-7-yl]cyclobaxyl]- (CA INDEX NAME) L5 ANSMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

802C 3 CO28

RR 202443-69-6 CAPLUS CR Benzomenthanesulfonanide, N-[4-[6-amino-7-[cis-4-(6-methyl-1-

piperaxiny1) cyclobexy1}-78-pyrrolo[2,3-d]pyrinidin-5-y1}-2-fluoropheny1)-2nitro-, (22)-2-betenedioate (1:3) (CA INDEX NAME)
CM 1

CRS 262443-68-5 CRF C30 R35 F NO O4 S

Relative stereochemistry.

7608 1-A

ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

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No. of the second secon

PR 262443-73-2 CAPLOS
CN 78-Pyrrolo[2,2-d]pyrinidin-4-amine, 7-[trans-4-[sethyl]2-(2-pyridinyl)ethyl]anino[cyclohexyl]-5-(4-phenoxyphenyl)-,
[22)-2-butenedicate [1:3] (CA INDEX NAME)

CM 1 CES 262443-72-1 CMF C32 E34 N6 0

CMF C32 R34 NG O

15 ARSMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) CRN 110-16-7 CMF C4 R4 O4

Double bond geometry as shown.

201C

262443-74-3 CAMEATS \$P-Alanize, N=[cis-4-[4-anino-5-(4-phenoxyphenyl)-7E-pyrrolo[2,3-d]pyrinshim-7-yl]cyclohexyl]- (CA IMBEX NAME)

262443-75-4 CAPLUS β-Alanine, N-[4-[4-anino-5-(4-phenoxyphenyl)-78-pyxrolo[2,3-d]pyxinidin-7-ylloyclobexyl]- (CA INDEX NAME)

15 ANNUAR 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) Double bond geometry as shown.

CO2 H

2 262443-78-7 CAPLUS
2 Acetemitrile,
1 Acetemitrile,
1-(4-animo-5-(4-phenoxyphenyl)-7E-pyzrolo[2,3-d]pyzimidin-7ylleyclohexylidene]- [9CI) (CA INDEX NAME)

332 262443-79-8 CAFLOS CD Acetic acid, [4-{4-anino-1-(4-phenoxypheny1)-7E-pyxrolo[2,3-d]pyxinidin-7-yl|gyolohesylidene]-, 1,1-dimethylethyl ester [90]) (CA INDEX NAME)

NN 202443-80-1 CAPLUS CN Acetic acid, [4-(4-anino-5-(4-phenoxyphenyl)-7%-pyrrolo[2,3-d]pyranidin-7-yl]cyclobaxylidoms[-, etbyl arter [PCI] (CA INDEX NAME)

Page 196

LS AMSMER 14 OF 25 CAPLUS COPTRIGHT 2007 ACS on STN (Continued)

262443-77-6 CAFLOS \$Alaname, N=[cix=4-[4-maino-5-[4-phenoxyphenyi]-78-pyrrolo[2,3-d]pyrinidin=7-yl]cyclohexyl]-, ethyl ester, (20)-2-butenedicate (1:2) (501) (CA IRBAN NAME)

CM 1

CRN 262443-76-5 CNF C29 R33 R5 G3 Relative stereochemistry.

CN 2 CRN 110-16-7 CMF C4 H4 O4

ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued

262442-82-3 CAPLUS
78-Pyrrolo[2,3-d]pyrimidin-4-anime, 7-[4-(2-amimoethyl)cyclobexyl]=5-(4-whenoxymbenyl)- (CA_INDEX_NAME)

262443-83-4 CAPLUS Cyclobraneacetic acid, 4-[4-anino-5-(4-phenoxyphenyl)-7E-pyrrolo[2,3-d)pyrindin-7-yl]- (CA INDEX NOME)

AREMER 14 OF 25 CAPACE COPPRIGHT 2007 ACS on STN (Continued) 22243-84-5 CAPACE 78-5yrcolog1, 3-djpyranidin-6-anare, 5-(4-phanoxyphany1)-7-[trans-6-(1-pyrrolidiny1)symlohexyl]- (CA THORK NAME)

2D 061445-86-7 CAVANS GB 1,2478ased hanno N=(trans-(-4.an)no-5-(4.phenoxypheny))-78-pyyrolo[1,2-d[pyx]nidin-7-y1)cyclohexyl]-N,8',8'-trinstly1-, (22)-2-butenedicate (1:3) (9CI) (CA INDEX NAME)

CM 1

CMS 262443-05-6 CMF C19 M36 N6 O

Relative stereochemistry.

ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

262443-88-9 CAPLUS 7K-Pyrrolo(2)3-d[pyrinidin-6-anime, 5-(6-phenoxyphenyl)-7-[trans-6-(1-pyrrolodinyl)-0yelohexyl]-, [22)-2-butenedicate (1:2) (CA INDEX NAME) CM 1

C921 262443-84-5 CMF C28 #31 N5 O Relative stereochemistry.

CR21 110-16-7 CRS C4 E4 04

LS AMEMBE 14 OF 25 CAPLUS COPTRIGHT 2007 ACS on STN (Continued)

CM 2

Double bond geometry as shown

262443-87-8 CAPLUS
78-Pyrrolo(2,3-d)pyrinidin-4-anime, 7-(trame-4-(4-ethyl-1-piperazinyl)cyclobesyl)-5-(4-phemoxyphenyl)- (CA INDEX NAME) Relative stereochemistry.

L5 ANSMER 14 OF 25 CAPLUS COPYRIGET 2007 ACS on STN (Continued) Double bond geometry as shown.

PR 262443-90-3 CAPLOS
CR 78-Pyrrolo(2,3-d)pyrinidin-4-anine,
7-[trans-4-|hesalydro-4-methyl-18-1,4dlarepin-1-yl)cyclohesyl)-5-(4-phenoxyphenyl)-, dihydrochloride (9CI) (CA INDEX NUMB)

Relative stereochemistry.



263463-93-6 CARUDS 7H-Pyrrolo (2.3-d) pyrinidin-6-anine, 7-(trans-6-(4-ethyl-1-piperariny)) cycloheayl)-5-(4-phemoxyphenyl)-, [22)-2-butanedicate (1:3) (c). NDMEC NDMS)

CH 1 CMM 262443-87-8 CMF C30 H36 N6 O

Relative stereochemistry.

15 AMSMER 14 OF 25 CAPADS COPYRIGHT 2007 ACS on STN (Continued)

CM 2

CRS 110-16-7 CMF C4 B4 O4

Double bond geometry as shown.

8020 1

38 262443-95-8 CAPLUS CB 78-Pyzrolo(2,3-6)pyzinidin-4-anise, ?-(cis-4-(4-ethyl-1pipetaxinyl)opclobenyl)-5-(4-phenoxyphenyl)-, (22)-2-butenedioate (1:3) (CA INCEN MOME)

OH 1

CBN 262441-75-8 CBF C30 B36 N6 C Relative stereochemistry. LS AMSMER 14 OF 25 CAPLUS COPTRIGHT 2007 ACS on STN (Continued)



CN 2

CMF C4 B4 C4 Double bond geometry as show

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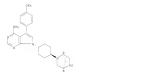
802C 2

393 262443-99-1 CAPL/85
CN 78-Pyrrolo(2,3-d)pyrinidin-4-anize, 7-[trans-4-(1E,4E)-2,5diazabicyclo(2,2.1)bept-2-ylcyclobesyl)-5-(4-phenoxyphenyl)-, rel-,
(22)-2-betenedicate (1:3) (SCI) (CA INDEX NUME)

CN 1

CRN 262443-97-0 CMF C29 B32 N6 O Relative stereochemistry.

15 ANSMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CRN 110-16-7 CRF C4 84 04

Double bond memetry as about

802C Z CO28

NN 262444-00-8 CAPA/NS
CN 7M-Pyrrolo(1,3-d)pyrinidin-4-anine, 7-(cis-4-(1R,4K)-2,5-disabs(yclo(2,1.1)bept-2-yleyslobexyl)-5-(4-phenoxyphenyl)-, rel-, (22)-2-butenedioate (1:3) (SCI) (CA INDEX NAME)

CM 1 CMS 262443-99-2 CMF C29 B32 N6 o

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CN 2

CMM 110-16-7 CMF C4 B4 O4

Double bond mometry as shown

802C g

98 262444-01-9 CAPLUS CN Benzenepropanamide, N-[4-[4-amino-7-[cir-4-(4-methyl-1-

piperariny1) cyclobexy1]=78-pyzrolo[2,3-d]pyzimidin-5-y1]=2-methoxypheny1]-, (22)=2-bstenedicate (1:3) (C. INDEX NAME)

ON 1

CHN 262442-22-8 CMF C33 H41 N7 G2

Relative stereochemistry.

Double bond geometry as shown

AMSMER 14 OF 25 CAPAUS COPYRIGHT 2007 ACS on STN (Continued)

PN 262444-02-0 CAPLUS CN Benrespropanamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-

piperariny1) cyclohexy1)-7E-pyrrolo(2,3-d)pyrinidin-5-y1)-2-methoxypheny1)-(CA NECK NAME) Relative stereochemistry.

ANSMER 14 OF 25 CAPLUS COPTRIGHT 2007 ACS on STN (Continued)



PS 262444-03-1 CAPLUS CR Benzerepropansaide, N-[4-[4-anino-7-[trans-4-(4-methy1-1-

piperazinyl)cyclobexyl]-78-pyrrolo[2,3-d]pyriaidin-5-yl]-2-methoxyphenyl]-, (22)-2-buteredicate (1:3) (CA IRMEX NAME)

ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CN 1 CES 262444-02-0 CMF C33 E41 N7 G2

ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

262444-05-3 CAPCRS
7E-Pyrrolo[2,3-d]pyrinidiz-4-anizo, 5-[4-anizo-3-methoxyphozyl]-7-[dix-4-[4-methyl-1-paperarznyl]oyoloboxyl]- (CA. IRDEX NAME)

Relative stereochemistry.

PRI 262444-06-4 CAPLOS CR 78-Pyrrolo[2,3-d]pyrinidin-4-anine, 5-(4-anin-3-methoxyphenyl)-7-[trans-4-(4-methyl-1-piperazinyl)oyolobexyl]- (CA INDEX NAME)

Selative stereochemistry.



262444-07-5 CAPLUS
Cyclobeasnescetomitrile, 4-[4-amino-5-(4-phenoxyphenyl)-78-pyrrolo]2,3-dpyrindim-7-yl]-3-hydroxy-, trans- (CA IMDEX NAME) Relative stereochemistry.

15 AREMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CMN 262444-67-7 CMF C32 H39 N7 O3 Relative stereochemistry.

262444-68-8 CAPLSS Catamaic acid, [4-amaso-7-[cas4-(4-methyl-1-piperarinyl)cyclobeayl)-TB-pyrrolo[3,3-djpyrminin-2-yl]-2-methoxypbanyl)-, phenylmethyl exter, [22)-2-britamedicate [13] [02] (CA INDEX NAME)

ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

2024444-71-3 CAPLUS
CM Restonitrile, 2-{4-{4-anino-7-{cis-4-{4-methyl-1-piperaxinyl} syclohexyl}78-pyrsolo(2, 7-d)pyrindin-5-yl]phenoxy'-6-{(3-methoxypropyl)anino)-,
(23)-2-butenedicate (1+3) (CA INDEX NAME)

CM 1

CRES 262444-70-2 CRES CB4 R42 R8 02

Relative stereochemistry.

ANSMER 14 OF 25 CAPLUS COPTRIGHT 2007 ACS on STN (Continued)

2B 263444-63-9 CAVLOS CE Benkendon, N=[-{-4-miso-7-[trans-4-(4-methyl-1-piperariny1):yelobany1]-7H-pyrcolo[2,3-d]pyrinidis-3-y2]-2-methoxypheny1]-, (22)-2-but enedicate [132]

(CA. THIDEX NAME) CN 1

CMS 262442-81-9 CMF C31 M37 N7 G2

Relative stereochemistry

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

PAGE 1-A

PAGE 2-A

CRN 110-16-7 CMF C4 H4 O4

Double bond geometry as shown.

CO28

PB 262444-77-5 CAPL/B CB Bencontrile, 2-{-[4-[-anno-f-]tcan-4-(4-methyl-1-piperatiny])-cyclotenyl}-- Prepriotol(3,3-d)pyrimidn-5-yl)phenoxyl-6-[43-methoxpropyl)anino]-, (23)-2-brasedoiste [13] (CA TREEX SM)

CN 1 CRN 262444-72-4

15 AREMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) CMF C14 R42 NY G2

CM 2 CRS 110-16-7 CRF C4 84 04

Double bond geometry as shown.

262444-75-7 CAPLUS Benzonitrile, 2-amino-6-|4-|4-amino-7-|cis-4-(4-methyl-1-

15 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

262444-77-9 CAPLUS Regionitrile, 2-amino-6-[4-[4-amino-7-[trans-4-(4-nethyl-1-piperarinyl) cyclohexyl]-78-pyzrolo[2,3-d]pyzinidin-5-yl]phenoxy]-, [22)-2-bytenedicate [1:3] (CA_RUDE NAME)

CM 1 CR21 262444-76-8 CMF C30 R34 NB 0

Relative stereochemistry.

PAGE 1-A

PAGE 2-A

Page 201

15 ANSMER 14 OF 25 CAPLOS COPYRIGHT 2007 ACS on STN (Continued) piperarinyl)cyclohesyl]-TH-pyrrolo[2,3-d]pyrimidin-5-yl]phenoxyl-, [22)-2-butenedicate [1:3] (CA INDEX NAME) CH 1

CRN 262444-74-6 CMF C30 H34 N8 O

Relative stereochemistry.

PAGE 1-A

PAGE 2-A

CN 2 CRN 110-16-7 CMF C4 84 04

Double bond geometry as shown.

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) Double bond geometry as shown.

E CO28

262444-79-1 CAPLUS
Benzonitrile, 2-[4-[4-anino-7-]cis-4-(4-methyl-1-papersinyl)cyclobexyl]-7B-pyrrolo[2, 2-d]pyrinidin-5-yl]phenoxy]-6-[(4-methylphenyl)thio]-, (22)-2-butenedicate [13] (CA_HREE_WARE) ON 1

CRN 262444-78-0 CMF C37 B39 N7 O S Relative stereochemistry.

PAGE 1-A

PAGE 2-A

15 AREMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) CSN 110-16-7 CSF C4 R4 O4

CM 1

CMN 262444-80-4 CMF C37 H39 N7 O S

PAGE 1-A

15 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

PAGE 1-A

PAGE 2-A

CH 2 CRS 110-16-7 CRF C4 S4 C4

Double bond geometry as shown

CO28

PS 262444-85-9 CAPATS

(N Bestenstrale, 2-4-4-4-minor-7-trans-4-(4-methyl-1-piperaxinyl)cyclobasyl]
78-pyrrelo[23-4-dyprindin-5-yl]phenoxyl-6-(2-pyridinylthio)-,
[23-2-5-bisendinate [133] (CA INDEX M980)

ON 1 C929 262444-94-9

Page 202

L5 ANSMER 14 OF 25 CAPLUS COFFRIGHT 2007 ACS on STN (Continued) PAGE 2-A

ON 2 CRN 110-16-7 CMF C4 H4 O4

Double bond geometry as shown

2 CO28

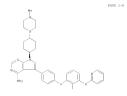
262444-93-7 CAPLUS
Benzonitrile, 2-[4-[4-anino-7-[cis-4-[4-nethyl-1-piperarinyl)cyclohexyl]-7B-pyrrolo[2,3-d]pyrinidin-5-yl]phenoxy]-6-[2-pyrxdinylthio)-, (22)-2-buttenedicate (i3) (CA_INDEX_SMED)

CN 1

CMN 262444-82-6 CMF C35 B36 N8 O B

Relative stereochemistry.

Relative stereochemistry



PAGE 2-A

CN 2 CRR 110-16-7 CRF C4 H4 O4

Double bond geometry as shown

g CO2H

10534427b.trn 15 ARSMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) CH 1 CMF 262444-86-0 CMF C30 H36 N6 O CM 1 CMS 262444-88-2 CMF C19 832 F3 N7 C1 8 CM 1 CR22 262444-90-6 CRE C29 833 F NO 04 S Relative stereochemistry. PAGE 2-A

CRN 110-16-7 CMF C4 B4 O4 Double bond geometry as shown HH 262444-91-7 CAPLUS CN 1 CRN 262444-92-8 CMF C29 R33 F2 N7 G2 S Relative stereochemistry.

L5 ANSMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) PAGE 1-A PAGE 2-A ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) ES 252444-93-9 CAPLUS CN Benzenesulfomanide, N-[4-|4-animo-7-|trans-4-|4-methyl-1piperaziny1)cyclohexy1)-7E-pyrrolo(2,3-d)pyrimidin-5-y1)-2-fluoropheny1)-2-fluoro-, (22)-2-butemedicate (1:3) (CA INDEX NAME) PAGE 1-A

PAGE 2-A

CM 2 Double bond geometry as shown Page 203

15 AREMER 14 OF 25 CAPAINS COPYRIGHT 2007 ACS on STN (Continued) ON 2

Double bond geometry as shown.

262444-95-1 CARLUS
Examesulfocanide, N=(4=[4-unino=7=[trans=4=[4-untlyl=1-piperazinyl)cyclobexyl]=78-pyrrolo[2,3-d]pyrinidin=5-yl]=2,4,6-trichloro-, [22)=2-butenedioate [1:3] (CA INDEX NAME)

CN 3

CSN 262444-94-0 CMF C19 H31 C13 F N7 O2 B

Relative stereochemistry.

PAGE 1-A

PAGE 1-A

PAGE 2-A

CRS 119-16-7 CMF C4 84 04 Double bond geometry as shown

Page 204

PAGE 2-A

CMF 110-16-7 CMF C4 84 04

Double bond geometry as shown

202444-97-3 CAPLUS
Denrenerulfonanide, N-[4-[4-anino-7-[trans-4-(4-methyl-1-piperalisyl)cyclobexyl]-7H-pyrrolo[2,3-d)pyrinidin-5-yl]-2-fluorophenyl]-2,6-dichloron, [22]-2-butenedicost [1:13] (CA IRDER WARE)

CM 1 CMF 262444-96-2 CMF C29 H32 C12 F N7 O2 S

Relative stereochemistry.

CMM 262444-98-4 CMF C29 M33 C1 F N7 O2 S

Relative stereochemistry PAGE 1-A

PAGE 2-A

CMM 110-16-7 CMP C4 B4 O4 Double bond geometry as shown

15 ARSMER 14 OF 25 CAPLES COPYRIGHT 2007 ACS on STN (Continued)

802C 3 CO2B

321 262445-G1-2 CAPLUS CN Rengenesulfonanide, N-14-14-anino-7-1trang-6-14-methyl-1-

piperazinyi)cyclohesyl)-78-pyrrolo(2,3-d)pyrinidin-5-yl)-2-fluorophenyl)-1 fluoro-, (23)-2-buterdioate (1:2) (CA INDEX 19ME)

CH 1

CRS 202445-G0-1 CRF C29 R33 F2 N7 C2 R

PAGE 1-A

1.5 ANSIMEA 14 OF 25 CARRUNS COPPRIGNT 2007 ACS on STN (Continued

PAGE 1-A

PAGE 2-A

ON 2 C901 110-16-7 ON C4 N4 O4

Double bond geometry as show

8020 B

ER 262445-05-6 CAPLUS

piperazinyll oyclobesyl]-78-pyrrolo[2,3-d]pyrinidin-5-yl]-2-fluorophesyl]-3-Page 205 LS AMEMER 14 OF 25 CAPLUS COPTRIGHT 2007 ACS on STN

PAGE 2-A

CM 2 CMM 110-16-7 CMM C4 84 04

Double bond geometry as shown

802C 8 CO28

721 262445-03-4 CAPLUS CN Benzersulfommide, N-[4-[4-mino-7-[trans-4-(4-methy1-1-

piperaziny1) opelobexy1]=78-pyrrolo[2,3-d]pyrinIdin-5-y1]=2-fluoropheny1]=4broso=2,5-difluoro-, (22)=2-butenedicate (1:3) (CA INDEX NAME)
CN 1

CFR 262445-02-3 CMF C29 E31 Ex F3 N7 O2 S

Relative stereochemistry.

L5 ANSWER 14 OF 25 CAPLOS COPYRIGHT 2007 ACS on STN (Continued) chloro-4-fluoro-, [22]-2-butenedicate (1:3) (CA INDEX NAME)

CM 1

CRN 262445-04-5 ONF C29 832 C1 F2 N7 O2 S

PAGE 1-A

9AJZ 2-A

, ,

ON 2 CMM 119-16-7

Double bond geometry as shown

15 AREMER 14 OF 25 CAPLES COPYRIGHT 2007 ACS on STN (Continued)

mo2c_3

221 262445-07-5 CAPLUS
CD Restaurant Foresting, N=16-14-animo-7-itrans-6-14-methyl-1-

piperariny1| oyelohesy1] -78-pyrrolo[2,3-d]pyrinidim-5-y1] -2-fluoropheny1]-1
iodo-, (25)-2-butenedioate (1:3) (CA INDEX NAME)

CN 1 CDS 262445-06-7 CMF C19 RD3 F I N7 O2 S

CMF C19 N33 F I N7 C Relative stereochemistry.

erecohenistry.
PAGE 1-A

L5 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued PAGE 1-A

PAGE 2-A

F 160

Double bond geometry as shown.

802C 2 CO28

NN 262445-11-4 CAPLUS CN Benreneaulfonamide, N-[4-[4-amino-7-[trans-4-[4-methyl-1-

piperaziny1)cyclobexy1[-78-pyrrolo[2,3-d]pyrimidin-5-y1]-2-f1soropheny1]-2chloro-4-cvano-, (25)-2-bytenedioate (1:2) (CA NDEC NAME)

Page 206

L5 AMERICA 14 OF 25 CAPLUS COPPRIGHT 2007 ACS on STM (Continued)

PAGE 2-X

F CM 2

CRN 110-16-7 CMT C4 84 04 uble bond geometry as sho

Double bond geometry as shown.

802C 3 CO28

PR 262445-09-0 CAPLUS
CR Benzersulfommide, N-[4-[4-mino-7-[trans-4-(4-methy1-1-

piperazinyl) cyclobexyl) -78-pyrrolo[2,3-d]pyrinidin-5-yl]-2-flworophenyl)-2chloro-6-methyl-, (22)-2-butenedloste (1:3) (CA RUEE NAME)

CH 1 CFS 262445-08-9 CHF CS0 ES5 CL F N7 OZ S

CMF C30 E35 C1 F N7 G2 S Relative stereonhemistry.

L5 ANSMER 14 OF 25 CAPLOS COPYRIGNY 2007 ACS on SYN (Continued)
CM 1

CEN 262445-10-3 CMF C30 E32 Cl F N8 O2 S Relative stereochemistry.

PAGE 1-A

PAGE 2-A

CRN 110-16-7 CMP C4 84 04

Double bond geometry as shown.

15 AREMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

N2445-13-6 CAPLUS
Describeralifonamide, N-[4-[4-anino-7-[tranx-6-[4-methyl-]piperalinyl)cyclobaxyl]778-pyrolo[2,3-djpyrinidin-5-yl]-2-Ciworophenyl]3,4-diflworo-[22]-2-butenedicast [113] (CA INDEX ROWE)

CMM 262445-12-5 CMF C29 M32 F3 N7 C2 M

AMBNER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

PAGE 1-A

PAGE 2-A

CRN 110-16-7 CRF C4 84 04 Double bond geometry as shown

Page 207

CM 2 CRN 110-16-7 CMF C4 84 04

Double bond geometry as shown.

PN 262445-15-0 CAPLOS
CN Benzenesulfonanide, N-[4-[4-amino-7-[trans-4-[4-methyl-1-

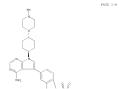
piperaziny1)eyelobexy1)=78-pyrrolo[2,3-d]pyrinidin-5-y1]=2-fluoropheny1]=4-brono=2-fluoro-, (22)=2-butenedicate (1:3) (CA IMDEX NAME)

CM 1 CEN 262445-14-7 CMF C29 B32 Bx F2 N7 O2 S

Relative stereochemistry.

CMM 262445-16-9 CMF C27 M31 Br F N7 O2 S2

Relative stereochemistry



PAGE 2-A

OH 2

Double bond geometry as shown

15 AMENUR 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) 262445-19-2 CAPLUS
Berinnswiftonunide, N-[4-[4-anino-7-[trans-4-[4-methyl-1-piperazinyl]oyolobenyl]-78-pyrrolo[2,3-d]pyrinidin-5-yl]-2-fluorophenyl]-2,4-diohloro-, [20]-2-bytemedicate [1:3] [CA IMOEK NAME) CM 1 CR2 262445-18-1 CRF C29 E32 C12 F N7 O2 S PACE 1-A PAGE 2-A

PAGE 2-A

Double bond geometry as shown.

CM S

93 262445-23-8 CAPLUS CD 2-Thiophenesulfonamide, N-[4-[4-amino-7-[trans-4-(4-met)yl-l-

piperazinyl)cyclohexyl]-78-pyrrolo[2,3-d]pyrinidin-5-yl]-2-fluorophenyl]-3-brom-5-chloro-, [22]-2-brtenedioate [1:3) (CA INDEX NAME)

CM 1 CMN 262445-22-7 CMF C27 H30 Mg C1 F N7 O2 82

Relative stereochemistry.

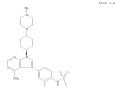
CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

262445-21-6 CAPLUS

Benzenseulfomande, N-[4-[4-anino-7-[trans-4-(4-methyl-1-piperaxinyl)eyclobesyl]-78-pyxrolo[2,3-d]pyxinidin-5-yl]-2-floorophenyl]-2,3,4-trichloro-, [23-2-beteredicate [1:3] (CA_REEX_NEE)

CRN 262445-20-5 CMF C29 B31 C13 F N7 O2 S

Relative stereochemistry.



ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

PAGE 2-A

CRR 110-16-7 CMF C4 B4 O4

EN 282445-25-0 CAPLUS CN 2,1,3-Benromadiarole-4-multonamide, N-[4-[4-amino-7-[tranz-4-(4-methyl-1paperazanyl)cyclobexyl]-78-pyrrolo(2,3-d)pyrimadam-5-yl]-2-floorophenyl)-,

15 ARMMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) | 22)-2-buttenedicate (1:3) (CA INDEX NAME)

CM 1

CMT 262445-24-9 CMT C29 832 F 89 03 S

Relative stereochemistry.

PAGE 2-A

Me CH 2

15 ANSWER 14 OF 25 CAPLUS COPFRIGHT 1007 ACS on STN (Continued)
PAGE 2-A

CRS 110-16-7 CRS C4 84 04 Double bond geometry as shown.

CSS 110-16-7 CMF C4 E4 O4 Double bond geometry as shown.

929 262445-29-4 CAPLUS CD 2,1,3-Semzothaedlazole-4-sulfomanide, N-[4-(4-amino-7-[trans-4-(4-methyl-1-

piperariny1)cyclotexy1)-78-pyzrolo(2,3-d)pyzinidin-5-y1)-2-fluoropheny1)-7methyl-, (22)-2-butemedicate (1:3) (CA INDEX NAME)

CM 1 CMM 262445-28-3 CMF CMM MM4 F NM 02 52

Relative stereochemistry.

L5 AMEMER 14 OF 25 CAPLUS COFFRIGHT 2007 ACS on STN (Continued)

802C 3 CO28

HH 261445-27-2 CAPAUS CH 2,1,7-Responsediatole-6-mulfomenide, N-[4-[4-amino-7-[trans-6-(4-methyl-1-1-

piperaziny1) cyclobszy1]-78-pyrrolo(2,3-d)pyrinidin-5-y1)-3-fluoropheny1)-7chloro-, (22)-2-butemedicate (1:3) (CA INDEX NOME)
CM 1

CRN 262445-26-1 CNF C29 B31 C1 F N9 O3 S

Relative stereochemistry.

7005 1-A

L5 ANSWER 14 OF 25 CAPLOS COPYRIGHT 2007 ACS on STN (Continued)
PAGE 1-A

PAGE 2-A

Ne Ne Ne

CRN 110-16-7 CMF C4 84 04

Double bond geometry as shown.

BO2C 8

FSI 262445-31-8 CAPLUS CSI 2,1,3-Remonthiadiazole-4-sulfonamide, N-[4-[4-anino-7-[trans-4-[4-methyl-1-

15 AREMER 14 OF 25 CAPLUS COPTRIGHT 2007 ACS on STN (Continued) piperarity() cyclohexy()-78-pyrrolo(2,3-d)pyrinidin-5-y1)-2-fluoropheny1)-5nethy1-, (28)-2-burtenedicate (1:1) (CA NEOK NOME)

CM 1

CMM 262445-30-7 CMM C10 814 F NF 02 S2

PAGE 1-A

15 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continue

CRS 110-16-7 CRF C4 84 04

CM S

Double bond geometry as shown.

802C 2

93 262445-35-2 CAPLUS CN Benzensuifonamide, N-[4-[4-amino-7-[trans-4-[4-methyl=1-

piperarizy1)cyclohexy1)-7%-pyrrolo(2,3-d)pyrinidin-5-y1)-2-fluoropheny1)
chloro-2-methy1-, (25)-2-betenedicate (1:3) (CA INDEX NAME)

CM 1

CRM 262445-34-1 CRF C30 H35 C1 F N7 O2 S

Relative stereochemistry.

L5 AMEMIER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CRN 110-16-7 CMF C4 H4 O4

Double bond geometry as shown.

202C 3

HN 262445-33-0 CAPLUS CN 2,1,3-Deniothiadiarole-4-pulfomanide,

piperazinyl) cyclobexyl]-W-pyrrolo(2,3-d)pyrinidin-5-yl]-2-fluorophenyl]-5chloro-, (ZZ)-2-butemedicate (1:3) (CA IMDEX NOME)

CM 1 CMM 262445-32-9 CMM C29 M31 Cl F N9 O2 M2

Relative stereochemistry.

Me .

1.5 ANSMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
PAGE 1-A



PAGE 2-A

ON 2 ORN 110-16-7 ONF C4 84 04

Double bond geometry as shown.

8020 3

N 262445-37-4 CAPLUS N Benzenezulfonanide, N-[4-[4-amino-7-[tranz-4-(4-methyl-1-

piperaziny1)cyclobexy1]-78-pyrrolo[2,3-d]pyrinidin-5-y1]-2-fluoropheny1]-2brono-, (22)-2-butenedicate (1:3) (CA 1808X 8988)

15 ARSMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN CM 1 CMS 262445-36-3 CMF C29 H33 Br P N7 C2 S Relative stereochemistry. PAGE 1-A PAGE 2-A

Double bond geometry as shown.

PAGE 2-A

Double bond geometry as shown.

881 262445-41-0 ChPLUS CN Benrementhanesulforamide, N-[4-[4-amino-7-[trans-4-(4-methyl-1piperarizy1)cyclohexy1]-7%-pyzrolo(2,3-d)pyzimidin-5-y1]-2-fluorophexy1]-2-nirro-, (22)-2-brtezedioate (3:3) (CA INDEX NAME)

CM 1 CMN 262445-40-9 CMF C30 H35 P M9 04 B

Relative stereochemistry.

262445-39-6 CAPLUS Benremewisionalde, N-[4-[4-anino-7-[trans-4-[4-neth) piperarinyl)cyclobasyl]-7N-pyrrolo[2,3-d]pyrinidin-5-2,5-dibrono-3,6-diflouro-, [23)-2-butenedicate [11]

CBR 262445-38-5 CBF C29 830 Br2 F3 N7 C2 B

PAGE 1-A

15 ANSWER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN PAGE 1-A

PAGE 2-A

CR21 110-16-7 CMF C4 84 04

Double bond geometry as shown.

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or mig Y = O or mil) or III [Y = O, mil) wherein R85 taken together with the phosphinenide, or phosphonenide is a $5-\epsilon$, $6-\epsilon$, or 7-nembered, aron., heteroaron. or heterocycloalky; ring system. G is a direct bond,

= 1-61, C2-C5-alkenylene, C3-C8-sysloalkylene or C1-C5-szaalkylene sup. K1 is substituted or optionally substituted aligh., sysloalkyl,

15 AMEMER 14 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Contan bicyclosikyl, cyclosikenyl, arca., beteroarce., beteroaraikyl, beterocyclosikyl, beterobicyclosikyl, akylamido, arylamido,

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The noi, and orgatal structures of the potent and selective lok tyros kinase inhibitor, CINIZENO, were determined by simple-crystal x-ray diffraction. The pyrtologytimnism and Fb rings are planar while the opelogencyl ring adopts a conformation between envelope and half-chair The overall ownerformation is defined by the spatial atrangement of the

moleties: Crystallog, data are given. REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR RECORD. ALL CITATIONS AVAILABLE IN THE RE PORMAT

12 MORRES 1.0 F 20 MORRES CONTINUES (2007) CON STR.

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(Biological study, unclassified), STM (Synthetic preparation), BIOL (Biological study), PRED (Preparation) (preparation of pyrrolo[2,3-d]pyrimidines as inhibitors of tyrosine

o-gro)

Min 194787-44-5 CAPLUS

CN 78-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-cyclopentyl-5-phenyl- (CA INDEX

194787-68-3 CAPLUS
Phenol, 4-(4-amino-7-cyclopentyl-7W-pyrrolo[2,3-d]pyrinidin-5-yl) - (CA
TRIEK SUMB)

344359-25-7 CAPLUS 78-Pyxrolo[2,3-d]pyximidin-4-amine, 7-oyolopentyl-5-(4-methoxyphenyl)-

L5 ARSMER 16 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) (CA INDEX NAME)

344359-26-8 CAPLUS 78-Pyriolo[2,3-e]pyrimidin-4-anine, 7-cyclopentyl-5-(3-methoxyphenyl)-(CA NDEE SNMC)

344359-28-0 CAPLUS Phemol, 3-(4-amino-7-syclopentyl-7W-pyrrolo[2,3-d]pyrinidin-5-yl)- (CA Phenol, 3-(INDEX NAME)

AB 7-Substituted 5-arylpyrrolo[2,3-d]pyrinidines were prepared starting from a-bromosectophenomes. These compds. represent a novel class of porest subsibilities of the tyrosine Hanse pp00-are with good specificity towards oflet tyrosine kinases [507-5, v-kml).

REFERENCE COURT: 1 THESE NAS 16 CITED REFERENCES AVAILABLE FOR

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PATENT NO.	KIND	DATE	APPLICATION NO.	DATE		
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CV 5550000	83	19961219	CA 1996-2220006	199606		
MO 9640696	83	19961219	MO 1996-U89042	199606		

NN: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, NC, NL, FT, SI IP 873340 A1 19981028 IP 1996-918151 19960606 IP 873340 A1 20011121

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	A7	2092	96			2			- 2	2 3	1996-	91815	51		1996		06
	PT	8733	40			2			3	2.3	1996-	91815	51		1996		06
	ES	2168	479			73		0616		25 3	1596-	91815	51		1994		06
P9.103	u7	1,777	222.	23320	- 5					75 3	1995-	47248	56	52	1995	06	07
										25 3	226-	65100	02	ı.	1996	06	04

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MANUAL THROUGH WASTE 133:30507

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Absolute stereochemistry. Rotation (-).

15 ANSMER 16 OF 25 CAPLUS COFFEIGHT 2007 ACS on STN (Continued) RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ANSWER 17 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

186141-61-7 CAPLUS 1,2,3-Cyclopentametriol, -amino-5-phonyl-78-pyrrolo[2,3-d]pyrinidis-7-yl-, (18,28,38,48)- (CA INDEX NOME)

ute stereochemistry. Rotation (-).

100142-15-4 CN2400 1,2-Cyolopentamediol, 3-amino-5-[5-phenyl-4-(phenylamino)-78-pyrrolo[2,3-d]pyrindin-7-yl]-, (18,28,38,58)- (CA INDEX NMAE)

Page 213

LS ARSMER 17 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

Beterocyclic substituted cyclopentane compds. I $[X=CR7_f\ Y=N_f\ CE_f\ K]$ and K2 are each independently hydroxy, allowy, or acyloxy or K1 and K2both hydroxy protected with an individual hydroxy protecting group or

a single dihydroxy-protecting group or R1 and R2 are absent and there is double bond between the carbon atoms to which R1 and R2 are attachedy R3 hydrogen, hydroxy, alkoxy; R4 - H, amino, halo, etc.; R5 - hydrogen,

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alpji, arj, arjallji, heterorj, mino, albjinino, alkog, arjaniso,
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PLUS COPYRIGHT 2007 ACS on STN 2000:656737 CAPLUS 134:13076 L5 ANSMER 10 OF 25 CAPLUS ACCESSION NUMBER: 200

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(Uses)
| Spyrrolopyrimidines as potent and selective linhibitors of lck II)
213744-00-4 CAPLUS
| The Principle of the III | CAPLUS | CAPLU

213744-02-6 CAPLUS Phenol, 2-(4-(4-anino-7-cyclopentyl-7H-pyrrolo(2,3-d)pyrimidin-5-vllubenoxyl- (CA INDEX NAME)

ANSWER 18 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

:35744-06-0 CAPUUS **P4Y-r010[2].7-d]pyrimidin-4-amime, 6-chloro-7-cyclopenty1-5-(4-***rovenhesv1)- (CA INDEX NAME)

262431-64-1 CAPLUS 7R-Pyrrolo(2,3-d)pyrinidine-6-carbonitrile, 4-amino-7-cyclopenty1-5-(4-mbenoxymbenyl)- (CA TRDEX NAME)

vanamine, 4-amino-7-cyclopentyl=5-(4-

ANSWER 10 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

262433-34-1 CAPLUS
78-Pyrrolo[2,3-d]pyrimidin-4-amine, 6-bromo-7-cyclopentyl-5-(4-phenoxyphenyl)- (CA INDEX NAME)

309724-08-1 CAPLUS
78-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-cyclopentyl-6-methyl-5-(4-whenoxyphenyl)- (CZ INDEX NAME)

309724-09-2 CAPLUS
78-Pyrrolo(2,3-d)pyrimidine-6-methanol, 4-amino-7-oyolopentyl-5-(4-phenoxyphenoxy)- (CA INDEX NAME)

ARRIMER 18 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

309724-11-6 CAPLUS 7E-Fyrroio(2,3-d)pyrinidin-6-amine, phemoxyphenyl)- (CA INDEX NAME)

309724-12-7 CAPLUS 78-Fyrroic(2,7-4)pyrinidine-6-carboxylic acid, niso-7-cyclopentyl-5-(4-2000) phomoxyphenyl)- (CA INDEX NAME)

ANSWER 18 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

RLs BAC (Biological activity or effector, except adverse); NFR logical process); RSU (Biological study, unclassified); RCT (Reactant); TBU [Therapeutic use); RICL (Biological study); PROC (Process); RACT

(Reactant or reagent); USES (Uses) ou rougent) USES [USES]
[Syzrologyzindines as potent and selective inhibitors of lek II)
22742-31-8 CAPL/S
7E-Pyzrolog2,3-d]syzinddin-4-anine, 7-cyclopenty1-5-(4-phenoxypheny1)[CA INDEX MAME]

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AMENUER 18 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

309724-13-8 CAPLUS 7R-Pyrrolo[2,3-d]pyrinidine-6-carboxanide, 4-anino-7-cyclopentyl-5-(4-phenoxyphenyl)- (CA INDEX NUME)

EN 303724-14-9 CAPLUS CN 7B-Pyrroio[2,3-d]pyrinidin-4-mine, 7-cyclopentyl-6-(4-morpholinylnethyl)-5-(4-phenoxyphenyl)- (CA INDEX NOME)

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Ext MC (Electronic activity or executor, every neutron properties) and study, unclassified) PMF (respection) SM (Symbetra preparation), SIGL (Electronic study); PEEP (Preparation) and Study (Electronic study); PEEP (Preparation) and STUDY-1-2-6 (OAKESS are propertied and selective inhibitors of lek 1) 12714-2-1-6 (OAKESS are propertied and selective inhibitors of lek 2) 12714-2-1-6 (OAKESS are propertied and selective inhibitors of lek 2) 12714-2-1-6 (OAKESS are propertied and selective inhibitors of lek 2) 12714-2-1-6 (OAKESS are propertied and selective inhibitors of lek 2) 12714-2-1-6 (OAKESS are propertied and selective inhibitors of lek 2) 12714-2-1-6 (OAKESS are propertied and selective inhibitors of lek 2) 12714-2-1-6 (OAKESS are propertied and selective inhibitors of lek 2) 12714-2-1-6 (OAKESS are propertied and selective inhibitors of lek 2) 12714-2-1-6 (OAKESS are propertied and selective inhibitors of lek 2) 12714-2-1-6 (OAKESS are propertied and selective inhibitors of lek 2) 12714-2-1-6 (OAKESS are propertied and selective inhibitors of lek 2) 12714-2-1-6 (OAKESS are propertied and selective inhibitors of lek 2) 12714-2-1-6 (OAKESS are propertied and selective inhibitors of lek 2) 12714-2-1-6 (OAKESS are propertied and selective inhibitors of lek 2) 12714-2-1-6 (OAKESS are propertied and selective inhibitors of lek 2) 12714-2-1-6 (OAKESS are propertied and selective inhibitors of lek 2) 12714-2-1-6 (OAKESS are propertied and selective inhibitors of lek 2) 12714-2-1-6 (OAKESS are propertied and selective inhibitors of lek 2) 12714-2-1-6 (OAKESS are propertied and selective inhibitors of lek 2) 12714-2-1-6 (OAKESS are propertied and selective inhibitors of lek 2) 12714-2-1-6 (OAKESS are propertied and selective inhibitors of lek 2) 12714-2-1-6 (OAKESS are propertied and selective inhibitors of lek 2) 12714-2-1-6 (OAKESS are propertied and selective inhibitors of lek 2) 12714-2-1-6 (OAKESS are propertied and selective inhibitors of lek 2) 12714-2-1-6 (OAKESS are propertied and selective inhibitors of

213743-80-7 CAPLUS 78-Fyrrolo[2,3-4]pyrinidin-4-amine, 7-oyolopentyl-5-(2-phenoxyphenyl)-(CA INDEX NAME)

15 AMENUR 19 OF 25 CAPAUS COPYRIGHT 2007 ACS on STN (Continued)

213743-62-2 CAPLES
7E-Pyrralo[2,3-d]pyrsmidin-4-amine, 7-cyclopentyl-5-(3-phenoxyphenyl)-ica impre name:

780 109719-48-2 CAPATS
CR Cyclopestanol,
2-[4-anize-5-(4-photoxyphosy1)-78-pyzrolo[2,3-d]pyzimidin-7-yl]-, [18,28)-ref- (CA 1802S NMES)

309739-69-3 CAPLUS

ON Cyclopentamol, 3-[4-anino-5-(4-phenoxypheny))-78-pyrrolo[2,3-d]pyrinidin-7-yl]- [13,78)-rel- (CA INDEX NAME)

Relative stereochemistry.

ANSMER 19 OF 25 CAPLUS COPTRIGHT 2007 ACS on STN (Continued)

303739-70-6 CAPLES 1,2-Cyclopentamediol, 4-[4-animo-5-(4-phenoxyphenyl)-78-pyrrolo[2,3-d]pyramein-7-yl]- (CA NOEK NAME)

PORMAT

Pyrrolo[2,3-d]pyrimidines containing a 5-(4-phenoxyphenyl) substituent potent and selective inhibitors of lck in vitro; some compds, are selective for lck ower zrc. Eata are above for two compds, demonstrating that they are potent and selective inhibitors of LLP preduction in cells. RETIRENCE COUNT: 14 THERE ARE 14 CITED RETIRENCES AVAILABLE FOR

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DOCUMENT TIPE: LANGUAGE: FAMILY ACC. NUM. CO PATENT INFORMATION:

PATERT NO. APPLICATION NO. DATE NE 510588 US 200313752 US 6713474 BG 105346 NO 200100156 EA 2001002204 IN 20010020076 PRICKITE APELS, INFO.: EG 2001-105346 NO 2001-1356 EA 2001-2204 IN 2001-09376 US 1998-100832P US 1998-100946P

OTHER SCHOOLS; NARPAT 132:251160
17 N2441-69-0P 202442-06-0P 202442-36-6P
N2444-27-1P 1024442-06-0P N23442-27-8P
N2444-28-0P 102442-46-0P N244-27-8P
NARPAT REBIOING AND AUTURY OF Effector, except adverse); RBU

Page 216

ANSHER 20 GF 25 CAPLUS COPYRIGHT 1007 ACS on STN (Continued) study, unclassified) RCT (Resorant) STN (Synthetic preparation) 7 RU Therapeutic use) STO. (Biological study) FREP (Preparation) MCT (Meachant or reagent) USES (Deco) (Intermediate) preparation of 78-pyrrolo[2,3-d]pyrimidin-4-mines as

Relative stereochemistry

NN 262442-06-8 CAPLOS
CN 78-Fyrrolo[2,3-d]pyrimidin-4-anine,
5-(2-nethyl-4-phenoxyphenyl)-7-(trans4-(4-nethyl-1-piperaxinyl)oyelohexyl]- (CA INDEX NAME)

Relative stereochemistry.

15 AMENUA 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

 $\label{eq:continuous} \begin{array}{lll} 322443-65-6 & \text{CAPLUS} \\ \text{Cl.} & 1,2-5\text{thanedianne,} \\ \text{R-[trans-d-(-h-mino-5-(-l-p)eroxypheny1)-76-pyrrolo[2,3-d]pyrinidin-7-y1]cyclobexyl]-8,8^*,8^*,8^*-trinethyl- (9C1) & (CA IMBEX MARK). \\ \end{array}$

262444-23-5 CAPUS L-Valine, 3-[4-anino-5-(4-phenoxyphenyl)-78-pyrrolo[2,3-d]pyrimidim-7-yl]eyolopentyl ester (CA INDEX NAME)

262444-24-6 CAPLUS Carbanic acid, [2-(4-norpholiny1)ethy1]-, 3-(4-anino-5-(4-phenoxypheny1)-78-pyrnolo(2,3-e)gyranidim-7-y1)gyelopenty1 ester (9C1) (CA INDEX NAME)

ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

221 262444-34-8 CAPLUS CB OlyoLne, N=[(1.1-dimethylethoxy)oarbonyl]-, 3-[4-anino-5-(4-phenoxyphenyl)-78-pyrrolo[2,3-d]pyrindim-7-yl]cyelopentyl ester (CA INDEX NAME)

262444-29-1P 262444-50-8P 262444-51-9P NLs ECT (Reactant); SEM (Synthetic preparation); PAEP (Preparation); RACT (Energant or reagent) (intermediate; preparation of 7E-pyrrolo(2,3-d)pyramidin-4-anines as

xinase inhibitors)

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\$30 \$\text{Velopertaneous}, 2-(4-mixe-5-(4

AMSMER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

262444-27-9 CATANS 1-Piperanime-abouylic acid, 4-[cis-4-[4-amino-5-(4-phenosypheny1)-7B-TROMX NUMBER - Colpyrinidis-7-y1]cyclobacyll-, 1,2-dimethylethyl ester (CA

enews-of-G CAPLUS 1-Piperarimecarboxylic acid, 4-[trans-4-[4-amino-5-[4-phenoxyphenyl)-78 pyrrolo[2,3-d]pyrimidim-7-yl]cyclohexyl]-, 1,1-dimethylethyl ester (CA RODEX NUMB.)

Relative stereochemistry

ANSWER 20 OF 25 CAPLUS COPYRIGHT 1997 ACS on STN (Continued)

NE2444-50-8 CAPLOS
yelohexanose, {-{4-aniso-5-{4-aniso-3-nethoxypheny1}-7R-pyrrolo[2,3-1]pyrindin-7-y1]- (CA IMBEX NOME)

262444-51-9 CAPLUS Benzenpropasanide, N-[4-[4-anino-7-(4-oxocyclohexyl)-78-pyrrolo[2,3-d]pyrindin-5-yl]-2-netboxyphenyl]- (CA INDEX NME)

17 262442-00-2P Ri: BMC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BCT (Deactant); SPN (Symthetic preparation); TBU

ANDMAR 20 OF 23 CANADA COPYRIGHT 2007 MGG on STM. (Continued) Theorapeuts used 2006. (Enabolisation) P. 2007. (Popularitan) ADOT IDantates or respect) 2006. (Enabolisation) Proprietation Andrews as protein Library Industrial Proprietation and Proprietation Andrews as protein Library Industrial Proprietation Andrews A

17 2)2742-7-4 30444-0-5 30442-79-5 30442-79-5 30444-6-5

262442-03-5 CAPUS

- 15 AMBRER 20 OF 25 CAPLUS COPYRIGHT 2007 ACR on STN (Continued)
- 262444-63-3 CAPLUS
 Carbonic acid,
 4-anizo-5-1 (4-phenoxyphenyl)-78-pyrrolo[2,3-d]pyrinidin-7yl]cyclopentyl 4-mitrophenyl ester (CA INDEX NUME)

Nethanome, [4-(4-amino-7-syclopentyl-78-pyrrolo[2,3-d]pyrinidin-5-yliphenyliphenyl- (CA INDEX NAME)

N27441-03-07

Nat MC (Bologopal activity or effector, except adverse) 880

Nat MC (Bologopal activity or effector, except adverse) 880

Ref Month (March 1988) 180 (Synthetic preparation) 780

Ref Month (March 1988) 180 (Synthetic preparation) 780

Reaction or respect) 7805 (Dass)

(Larget engored) preparation of 78-pyziolo(2,3-d)pyzindan-4-mainsa

protein kinsse inhibitors)
262441-43-4 CAPU78
76-Pyrtolo(2,7-46)pyrinsdin-4-anine, 5-(4-phenoxypheny1)-7-[01.6-4-(1-piperidiny1)-poloheny1]- (CA INDEX MAME)

15 AREMER 20 OF 25 CAPLUS COFFEIGHT 2007 ACS on STN (Continued) CN 78-Pyrrolo[2, 3-d]pyrimidin-4-maine, 7-[12k, 25)-5-[4-esthyl-1-piperarinyl)cyclobexyl-5-(4-phenoxyphenyl)-, rel (CA RODEK NAME)

281 262442-79-5 CAPLUS GB Carbunic acid, (4-4-mino-7-1tran-4-(4-methyl-1-piperarinyl)cyclobexyl]-78-pyrroio[2,3-d]pyrinidin-5-yl]-2-methoxyphenyl]-, phenylmethyl exter [9C1] (CA JBRES NAME)

Relative stereochemistry.

ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

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ANSWER 25 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

262441=47-4 CAPLUS L-Valine, 3-[4-aniso-5-(4-phenoxyphenyl)-78-pyxrolo[2,3-d]pyximidin-7-yl[qydlopentyl ester, monohydrochloride (9C1) (CA IMEEX NAME)

262441-48-5 CAPLUS 7E-Pyrodo(2,3-d)pyrimidin-4-amine, 5-(4-phonoxyphony1)-7-[cis-4-(1-pyrodidny1)-pyrodoxy1)- (CA INDEX NAME) Relative stereochemistry

L5 ANSMER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

FR 262433-52-3 CAPLUS
CR Cyclobexanone,
4-[4-mino-5-(4-phenoxyphenyl)-78-pyzrolo[2,3-d]pyzimidin-7yl]- (CA HEEK NAME)

N 262441-45-2 CAPLUS N 78-Pyrrolo[2,3-d]pyrinidin-4-anine, b-(4-anino-3-fluorophenyl)-7-[ele-4-(4-methyl-1-piperazinyl)-yelohexyl]- (CA INDEX NUME)

Relative stereochemistry.

262441-46-3 CAPLUS Glydine, 3-[4-amino-5-(4-phenoxyphenyl)-78-pyrrolo[2,3-d]pyrimidin-7-yl]oyolopentyl ester, monohydrodhloride (SCI) (CA INNEX NAME)

ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN



262441-50-9 CAPLUS
78-Pyrrolo(2,3-d)pyrimidin-4-amine, 5-(4-phenoxyphenyl)-7-[cus-4-(1-piperidinyl)-cyclobexyl]-, momohydrochloride (SCI) (CA INDEX NAME)



FR 262441-51-0 CAPLUS CR 78-Pyrrolo[2,3-d]pyramidin-4-amine, 7-[trans-4-(dimethylamine) oyolobexyl)-5-(4-phenoxyphenyl)- [CA INDEX NAME]

15 ARSMLR 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



262443-61-2 CANLUS 2,5-Diarabicyclo[2,7.1]beptame-2-curboxylic acid, 5-[cis-4-[4-anino-5-(4-photoxylichyl)-7-pyrrolo[2,3-d]pyrinidin-7-yl]cyclobxyl]-, 1,1-dinethylathyl actor, (15,45)- (CA INDEX NAME)

32 26244]-63-4 CAFLUS CR 2,3-0iasabiscyclo[2,2,2])apprame-2-carboxylic acid, 5-(rasab-4-(rasabo-1-(rasabo-1-(rasabox))-1-(rasabox))-1-(rasabox)-1-(

LS AMBNER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 2

bouble bond mometry as shown

262441-67-8 CAPLUS
78-Pyzrolo(2,3-d)pyzinidin-4-anime, 7-|ois-4-|4-(1-methylethyl)-1piperazinyl)cyclohexyl]-5-(4-phenoxyphenyl)- (Ch. INDEX NHME) Relative stereochemistry.

15 ANSMER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) Absolute stereochemistry.

388 262443-66-7 CAPLUS CR 1,2-Sthamedianine, R-[cis-4-[4-smino-5-(4-phenoxypheny1)-78-pyrrolo[2,7-d)pyrrololin-7-yl]pyrolohasyl]-8,8',8'-trimethyl-, (23)-2-butenedioate (143) (SCI) (CA IRREX NAME)

CN 1

CRS 262441-65-6 CNF C29 836 N6 O Relative stereochemistry

ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

262441-69-0 CAPLUS 78-Pyrrolo(2,3-d)pyrinidin-4-amine, 7-[trans-4-[4-(1-methylethyl)-1-piperasinyl)cyclobay]]-5-(4-phenoxyphenyl)- (CA IMDEX NAME) Relative stereochemistry.

262441-71-4 CAPLUS
7M-Pyrrolo(2,7-d)pyramidan-4-amame, 7-[cis-4-[4-(2-methoxyethyl)-1-piperaxamyl)-g-(olemyl)-5-(4-phenoxyphenyl)- (CA_HUBER_HERE)

15 ARSMLR 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

381 362441-73-6 CMSUS CH 78-79rolo[3,3-01]pyrintdin-4-anims, 7-(trans-4-[4-(2-methoxyethyl)-1-puperarimyl)cyclobexyl]-5-(4-phenoxyphenyl)- (CA INDEX NUME)

32 262441-75-8 CAPLUS CN 78-Pyrrolo[2,3-d]pyranidin-4-anime, 7-[cis-4-(4-ethyl-1-piperannyl)oyolohenyl)-5-(4-phenoxybhenyl)- (CA INDEX NAME)

15 ANNIER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continue

louble bond geometry as shown

323 441-77-0 CAPUUS TA-Tyrnoic[3.-4] pyranidin-4-anime, 7-(trams-4-[4-(1-methylethyl)-1-paperarmyl/pyclobesyl]-5-(4-phenosyphenyl)-, (22)-2-butenedicate (1:3) (A. IRDEX 18MB)

CR21 262441-69-0 CRF C31 R38 NS O

...

Double bond geometry as shown

15 AMEMER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

38 26241-76-9 CMRDE TB-Pyrrolo(2,3-d)pyrindin-4-anise, 7-[cin-4-[4-(1-methyle:byl)-1-paperaisey]]eyclobesyl]-5-[4-phenoxyphenyl]-, (22)-2-intenedicate (17) (A. INDEX NAME)

Relative stereochemistry.

15 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

28 262441-78-1 CAPLUS CM 78-Pyrrolo[2,7-d]pyrimidin-4-anime, 7-{cis-4-[4-[2-methoxyethyl]-1-piperariny]cyclolexyl]-5-(4-phenoxyphenyl)-, (22)-2-butenedioate (1:3) (CA INDEX NME)

CRS 262441-71-4 CRF C31 B36 N6 02

Relative stereochemistry

CRN 110-16-7 CMF C4 B4 O4

Double bond geometry as shown

FRI 282441-79-2 CAPUJE 78-Pyrrolo[2,3-d]pyrandin-4-manne, 7-[trans-4-[4-[2-methoxyethy1)-1-piperarinyi]cyclobaxyl]-5-[4-phenoxypheny1)-, [ZZ)-2-butenedicate (1)3) [CA INDEX ROME]

15 ARSMER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CMF 262441-73-6 CMF C31 838 N6 02

OH 1

262441-81-6 CAPLNS 1,2-Ethanedianine, N'-[ois-4-[4-anino-5-(4-phenoxypheny1)-78-pyrrolo[2,3-djpyinxdin-7-y])gyelohexyl]-N,N-dinethyl-, (22)-2-batenedioate (1x3) (5C1) (CA IREX NAME)

CM 1

CR21 262441-80-5 CMF C28 RT4 N6 O

Relative stereochemistry.

ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 2

Double bond memetry as shown

262441-85-0 CAPUTS 78-Tyrrolo(2,3-d)pyrinidin-4-anine, 7-[ois-4-[3-(18-inidarol-1-yl)propyl)pyrlohexyl)-5-(4-phenoxyphenyl)-, (22)-2-butenedicate (1:3)

OH 1

CRN 262441-04-9 CMF C30 832 N6 O

L5 ANSMER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

Double bond geometry as sho

2 22441-53-8 CAFLOS 1.2-Ethanedianine, (-trans-6-[4-chahoosyphenyl)-7B-pyrrolo[2,2-d)pyrinidin-7-y]pyclobesyl)-8,8-dinethyl-, (22)-2-butenedioate (1:1) (5:1) (CA HORES NAME)

ON 1

CES 262441-82-7 CMF C28 B34 NE O Relative stereochemistry.

ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CRN 110-16-7 CNF C4 H4 O4

Double bond geometry as shown

262441-87-2 CAPLOS
7H-Pyrrolo[2,3-d]pyrinidin-4-anine, 7-[trans-4-[3-(1E-maidarol-1yllycopyl)pyclohexyl]-5-(4-phenoxyphenyl)-, [22)-2-butenedicate (1:2)

INDEX NUME) ON 1

CRN 262441-86-1 CMP C30 B32 N6 0

Relative Stereochemistry

15 ARSMLR 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

louble bond geometry as shown.

P21 262441-88-3 CAPLUS CN 78-Pyrrolo(2,3-d)pyranidin-4-anine, 7-[eis-4-(dimethylanino) eyelobayi]-5-14-phenosyphenyl)- [CA INDEX NAME)

Relative stereochemistry.

15 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) Double bond geometry as shown.

262441-91-8 CAPUNS 7E-Pyrrolo(2,3-d)pyrimidin-4-anine, 5-(4-phenoxyphenyl)-7-(trans-4-(1-piperidinyl)-yelohoxyl)-, (22)-2-butenedicate (1:2) (CA INDEX NAME)

CM 1

CRS 262441-90-7 CMF C29 N33 N5 0



202441-92-9 CAPLUS
7E-Pyrrolo(2,3-61pyrunidin-4-anine, 7-(dif-4-(bexabydro-4-nethyl-1E-1,4-dixregin-1-ylloyclobeyl)-5-(4-phenoxybbenyl)-, dihydrochloride (9Cl) Page 223

LS ANSMER 20 OF 25 CAPLUS COPTRIGHT 2007 ACS on STN (Continued)



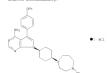
HN 262441-89-4 CAPLUS CR 78-Pyrolo[2,3-d]pyrinidin-4-anime, 7-[cis-4-(dinethylanimo)cyclobexyl]-5-[4-phenoxyphenyl)-, (22)-2-butanedicate (1:2) (CA INDEX NAME)

CMF C26 H29 N5 O

Relative stereochemistry.

CN 2 CHR 110-16-7 CMF C4 H4 O4

ANSMER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) INDEX NOME)



ON 1

CRS 262441-93-0 CMF C28 R32 N6 O

Relative stereochemistry.



15 AREMER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN CM 2

Double bond geometry as shown

lative stereochemistry.

262441-36-3 CAPLUS 7E-Pyroio(2,3-d)pyrinidin-4-anime, 5-(4-phenoxypheny1)-7-[trame-4-(1-piperariny1)-cyclobesy1]-, (22)-2-brtenedicate (1:3) (CA INDEX NAME)

CH 1

C921 262441-95-2 CMC C28 832 86 0 Relative stereochemistry.

ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

38 262441-99-6 CAPLUS CR Benzezenethanol, 4-(4-anizo-7-ozolopenty1-7E-pyzzolo(2,3-d)pyzimidin-5-y1)-a-pheny1- (CA INCEX NOME)

262442-01-3 CAPL/8
78-Pyrcolof2,3-d]pyramsin-4-anime, 7-[(18,38)-3-(4-methyl-1piperarimyl)eyslobesyl]-5-(4-phenoxyphenyl)-, rel-, (22)-2-butenesisate
[1:3] 1621 (CA IMBER MAME)

CBN 262442-00-2 CMF C29 B34 NG O

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ANSWER 20 OF 25 CAPLUS COPTRIGHT 2007 ACS on STN (Continued)

CN 2

Double bond geometry as show

262441-98-5 CAPLUS
78-Pyrrolo[2,3-d]pyrimidin-4-anime, 7-[3-(4-methyl-1piperaximyl)cyclopentyl)-5-(4-phenoxymbenyl)-, (22)-2-butenedioate (1:3)
(CA INDEX NUME)

CN 1

CRR 262441-97-4 CMF C28 832 N6 O

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) Relative stereochemistry.



CRR 110-16-7 CMF C4 84 04

Double bond geometry as show

FR1 262442-02-4 CAPLUS CR2 78-Pyrcolo(2,3-d)pyrandam-4-anime, 7-[(1R,3R)-3-(4-methyl-1-psperasinyl)cyclohogyl)-5-(4-phomosyphonyl)-, trihydrochloride, rel-

(CA INDEX NAME)

Relative stereochemistry.

AMSMER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

262442-04-6 CAPLUS
TR-Pyrrolo[2,3-d]pyrimidin-4-mine, 7-(1R,3S)-3-(4-methyl-1-piperarinyl)cyclohazyl-3-(4-phenoxyphenyl)-, rel-, (22)-2-butenedioste [113] [923] (CA INDEX NAME)

CM 1 C931 262442-03-5 CMC C29 834 N6 O

Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN Relative stereochemistry.



Double bond mometry as shown

262442-08-0 CAPLUS
Carbanc acid, [2-(4-morpholiny1)ethy1]-, 3-[4-anino-5-(4-phenoxypheny1)-78-pyrrolo(3,3-d)pyrindinn-7-yllcyclopenty1 exter, morohydrochloride (CA INDEX NAME)

1.5 ANSMER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) ON 2

CRN 110-16-7 CMF C4 84 04

Double bond geometry as shown

3B 262442-05-7 CAPLUS
CN 7B-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-[(1E,35)-3-(4-methyl-1-piperarinyl)cyclohexyl]-5-(4-phenoxyphenyl)-, trihydrochloride, rel-(SCI)

(CA INDEX NAME)

Relative stereochemistry.

)30 26242-07-9 CAPADS CR 78-Pyrcolo(2,2-d)pyrcolo(2,2-d)pyrcolo(2,2-d)pyrcolo(2,2-d)pyrcolo(2,2-d)pyrcolo(2,2-d)pyrcolo(2,2-d)pyrcolo(2,2-d) -(2-enct)p1-2-photocophery)1-7-[trass--(4-enct)p1-1-piperariny)1-pyrloheny]-, (22)-2-butenedicate (1:2) (CA INDEX NUMB)

ON 1

CRN 262442-06-8 CMP C30 836 N6 O

ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CMM 262442-10-4 CMP C31 B35 F2 N7 C2

CN 1

Relative stereochemistry.

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15 AMEMIER 20 OF 25 CAPLUS COPTRIGHT 2007 ACS on STN (Continued)
PAGE 2-A

CM 2 CMR 110-16-7 CMF C4 84 04

louble bond geometry as shown.

802C 2 CO28

222 NO.2442-13-7 CARLOS Generalide, N.-14. [-4-anino-7-[cis-4-(4-nethyl-1-piperazinyl)cyclobaxyl]-TB pyrrolo[2], 3-d[pyrindin-5-yl]-2-nethoxypbanyl-2, 3-dichloro-, [22)-2-butenedicute [1:3] CG REMEX NAME6

CM 1

CMS 262442-12-6 CMF C31 H35 C12 N7 O2

Relative stereochemistry.

15 ASSMER, 30 OF 25 CAPLUS COPYRIGHT 2007 ACS on STM (Continued) Relations. Pt. (4-(-anisor-1-(-ae-4-(-ae-4+))-1-p)serasing)) cyclobesyl]-1 pyriolo(2.3-d)pyrinidim-5-yl)-2-methoxybbmyl)-2,6-dichloro-, 122-2-buttendinate [1:3) (C. NURCA NUMC).

CR21 262442-14-0 CMF C31 B35 C12 N7 O2

Relative stereochemistry.

7002 2-A

CN 2 CNN 219-16-7 CNF C4 H4 C4

LS ANSMER 20 OF 25 CAPLUS COPTRIGHT 2007 ACS on STN (Continued)

CN 2 CRS 110-16-7 CNF C4 84 04

Double bond geometry as shown.

802C E CO28

NN 262442-15-9 CAPLUS

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

28 26244-37-1 CARLOS
CH Benzandos, N-14-14-anino-7-(cis-4-(4-methyl-1-pupersainyl)cyclohesyl)-7H
[139] yercolo(2,7-ml)pyrindin-92]-2-methosyphenyl)-, (25)-2-muteneilests
(CA. INDEX NUMB)

CM 1 CMS 262442-16-0 CMF C31 B37 N7 02

Solution stereodomistry.

CRR 110-16-7 CRF C4 R4 O4 Double bond geometry as shown.

AREMER 20 OF 25 CAPLUS COPPRIGHT 2007 MCS on STN (Continued) 26.24(2-10-1 CARCUS Ensantés, R-4(4-4-anino-7-[cla-4-(4-enthyl-1-phperaxiny2)cyclobexyl]-TH-ppyrolo(2,7-4)pyrundin-5-yl]-2-enthoxyphesyl]-2,4-dichloro-, 1237-2-butherdoxto [137] CA 2008 NOWN

CM 1

CRS 262442-18-2 CMF CII #15 CI2 N7 O2

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CH S CRR 110-16-7

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN PAGE 2-A

CM 2

Double bond geometry as shown

282442-22-8 CAPLUS Benzenepropananide, N-[4-[4-amino-7-]ois-4-(4-methyl-1-

piperazinyl) oyolohexyl)=78-pyrrolo[2,3-d]pyrimidin=5-yl]=2-methoxyphonyl]= (CA INDEX NAME) Relative stereochemistry.

PD 202442-25-9 CAPLUS
CD Benzamide, N-[4-[4-amimo-7-[0is-4-(4-methyl-1-piperazinyl)oyolobenyl]-78-

Page 227

1.5 ARSMER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) CMF C4 R4 C4

Double bond geometry as shown

CRN 262442-20-6 CNF C32 835 CL F3 NT 02

PACE 1-A

ANSMER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
pyrrolo[2,3-d]pyrimidin-5-yl]-2-methoxyphenyl]-2,6-difluoro- (CA INDEX
RMMS)

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262442-24-0 CAPLUS

CH Bentamude, N-[4-[4-anino-7-[0is-4-(4-methyl-1-paperarinyl)@yolohexyl]-78pytrolo[2,3-d]pytnudin-5-yl]-2-methoxyphenyl]-2-methoxy- (CA INDEX
BUMD)

Relative stereochemistry

13 ANGMER 20 OF 23 CANAGE COTTRIBUT 2027 ACS on STR. (Continued)

FAGE 1-A

IN 262442-25-1 CAPLNS
CN Restantion R-[4-[4-mino-7-]cis-4-[4-methyl-1-piperarinyl]cyclobexyl]-TB-pyrrolo[2,3-d]pyrunidin-5-yl]-2-methoxyphenyl]-2,6-dinethoxy- (CA INDEX NAME)

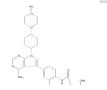
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Relative stereochemistry

15 ANDREA 25 OF 25 CAPLUN COPYRIGHT SOOT ACS ON STM | CONTINUE FACE 1-A

PAGE 2-A

RE 262442-27-3 CAPLUS SEREMANDIG. N: [4-[4-anino-7-]eis-4-[4-nethyl-1-piperarinyl] oyolohexyl]-7. pyrolo[2,3-4]pyrandin-5-yl]-2-nethoxyphenyl]-3-nethoxy- (CA IRBEX NEE) L5 AMEMER 20 OF 25 CAPLUS COPTRIGHT 2007 ACS on STN (Continues)
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PM 262442-26-2 CAPLUS
CR Benzanide, N-[4-]4-anino-7-[ciz-4-[4-nethyl-1-piperazinyl]cyclobexyl]-7R-pytrolo[2,3-d]pytnidin-5-yl]-2-sethoxyphenyl]-3,4-dichloro- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGWT 2007 ACS on STN (Continued PAGE 1-A



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38 262442-28-4 CAPLUS CR Resaunde, R-1-(4-maino-7-[cux-4-(4-methyl-1-piperarinyl)cyclohexyl)-7H pyrtolo(3,7-dipyrinxian-5-yl)-2-methosyphesyl)-4-fluoro- (CA INDEX NNE: Relative stereochemistry.

15 AMENUR 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN PAGE 1-A

PER 262442-29-5 CAPLUS
CN Benranide, N-[4-[4-anino-7-[cis-4-[4-methyl-1-piperarinyl pyrrolo[2,3-d]pyrunidin-5-y1]-2-methoxyphenyl]-4-chloro-

PAGE 2-A

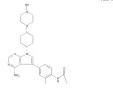
AMEMBER 20 OF 25 CAPLUS COPTRIGHT 2007 ACS ON STN

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262442-30-8 CAPLUS Benzanide, N-[4-4mino-7-[cis-4-(4-msthyl-1-piperaninyl)cyclohexyl]-7R-pyrrolo[2,7-d-]pyrinidin-5-yl]-2-msthoxyphmyl]-4-msthoxy- (CA INDEX Relative stereochemistry.

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PR 262442-32-0 CAPLUS

CR Acetamide, R-[4-[4-animo-7-[cax-4-(4-methyl-1-piperasimyl)cyclohexyl]-7pyrrolo[2,7-d]pyximidin-5-yl]-2-methosyphonyl]-2-phenoxy- (CA INDEX 1986)

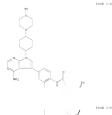
15 ARSMER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

23 263442-33-1 CAMADOS CARTANIGA, B-[4-[4-4-snin-7-]cia-4-(4-ssthyl-1-piperarinyl)cycloheayl]-TR-pyrrolo[2]-2-djpyrinhid=3-yl]-2-esthouyphenyl]-2-(4-chlorophenoxy)- [CARTANIGA] Delative stereothenistry. L5 AMEMER 20 OF 25 CAPLUS COFFEIGHT 2007 ACS on STN (Continued)

RN 262442-34-2 CAPLUS CN Cyclopropamecarboxamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-

piperariny1) cyclobexy1]-7%-pyrrolo[2,3-d]pyrinidin-5-y1]-2-methoxypheny1]2-pheny1- (1k,2m)-re1- (CA INDEX NOME)
Relative steroophenistry.

1.5 ANSAMER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) PAGE 1-A



322 262442-35-3 CAPLUS
CN Bentamics, N-[4-[4-amino-7-]cis-4-[4-nethyl-1-piperatinyl)cyclobasyl]-THpyrrol(2)-2-dpyr indin-5-yl]-2-nethoxyphenyl]-4-cyano- (CA INDEX NUME)
Felative stereothemistry. L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued PAGE 1-A



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PM 262442-34-4 CMRLDS
CR Restanted, RH-[4-famino-7-[car-4-(4-methyl-1-piperarinyl)cyclobasyl)-77pytrolo[2]-d[pytandam-5-yl]-2-methosyphenyl)-7-natro- (CA INDEX NAME)
helative stereochemistry.

15 ARSMER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

P2 262442-37-5 CAPA/S
CR Benranide, R-[4-(4-anino-7-[cis-4-(4-nethyl-1-piperarinyl)cyclobexyl]-7B-pyrrolo[2,7-d]pyr.nudin-5-yl]-2-nethoxyphenyl]-4-nitro- (CA IRBEX NUME)
Pelative stereodenistry.

NR 262442-38-6 CAPLOS
CR Bentanide, Nr. [4-14-anino-7-[cir-4-(4-methyl-1-paperarinyl)cyclobesyl)-7R-pytrolo[2,3-d]pytinidin-5-yl]-2-methoxyphenyl]-3,5-difluoro- (CA INDEX NAME)

Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPPRIGNT 2007 ACS on STN [Continued PAGE 1-A

88 262442-39-7 CAPUNS CR Acetanide, N: [4-[4-mino-7:|ois-4-(4-methyl-1-piperarinyl)oyolobexyl]-7: pyrrolo[2,7-d]pyr.madx-5-yl|-2-methoxyphenyl]-2-(phenylmethoxy)- (CA

Relative stereochemistry

PRI 262442-00-0 CAPLUS
CN Benannde, N-[4-[4-anino-7-]ois-4-(4-methyl-1-paperaranyl)oyolohesyl]-78pyxrolo[2,3-d]pyxinidin-5-yl]-2-methoxybenyl]-3-oyano- (CA INDEX NAME)
Relative storeochematry.

15 ARSMER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

262442-42-2 CAPLUS 3-Pyridimecarboxamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1piperazinyl)cyclobexyl}=78-pyrrolo[2,3-d]pyrimidin-5-yl}=2-methoxyphenyl)=6-chloro- (CA INDEX NAME)

AMBNER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN PAGE 2-A

262442-43-3 CAPURS Bentamide, N-[4-[4-amino-?-[cia-4-(4-methyl-1-pip pyrrolo[4,3-d]pyrmrdin-5-yl]-2-methoxyphenyl]-4-TROKK 50001

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15 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN NOME)

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262442-45-5 CXPLU8 Bentanide, N-[4-[4-animo-7-[ois-4-(4-methyl-l-paperaxinyl)oyolohexyl]-7h pyrrolo[2,3-d)pyrimidin-5-yl]-2-methoxyphenyl]-2-chloro-6-fluoro- (CA HUNCK NUME)

LS AREMER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

262442-46-6 CAPLUS
Benzanide, N-[4-[4-anino-7-[ciz-4-[4-nethyl-1-piperarinyl]cycloba:
pyrrolo[2,3-d]pyranidin-5-yl]-2-nethoxyphenyl]-4-[dinethylanino]HEMK NMEL

AMEMBER 20 OF 25 CAPLUS COPTRIGHT 2007 ACS ON STN PAGE 1-A

262442-47-7 CAPLUS Acetanide, N-[4-] [4-amino-7-[cis-4-(4-methyl-1-paperarinyl)cyclobexyl]-7H-pyrrolo[2,7-d]pyrindidis-5-yl]-2-methoxyphenyl]-2-methoxy- (CA INDEX

Relative stereochemistry

AMSNER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

- CM 1
 - CR21 262442-48-8 CMF C30 836 N6 O2
- Relative stereochemistry.

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- ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) CM 2
 - CMM 110-16-7 CMF C4 B4 O4
 - Double bond geometry as shown
- 262442-51-3 CAPLUS
 78-Pyrrolo[2,3-d]pyrinidin-4-anime, 7-[cis-4-[(3k)-3-(dimethylamino)-1-pyrolidinyl]cyclohexyl]-5-(4-phenoxyphenyl)-, (22)-2-butenedioate [1:3) (CA INDEX NMMS)
 - CH 1
 - CRN 262442-50-2 CMF C30 R36 N6 O

- CN 2

15 AMENUE 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

NIMA(A-51-5 CARUES TR-Pyrratol(2, 3-dlpyrnidin-4-anuse, 7-[trans-4-[(28)-3-(dinethylanuse)-1-pyrrollding)[cyclobenyl]-5-(4-phenoxyphenyl)-, (22)-2-butenedicate (1:3) [CA IREK [MM]

CM 1

CR2 262442-52-4 CMF C10 R16 NG C

Absolute stereochemistry.

CRS 110-16-7 CMF C4 B4 O4

Double bond geometry as shown.

262442-55-7 CAPAUS
7E-Pyrrolo(1,3-d)pyrindin-4-anine, 7-[cls-4-[35)-3-(dinethylanino)-1-pyrrolidinyl-2[cylobaxyl)-5-(4-phenoxyphenyl)-, (2E)-2-butenedicate (1:3) [CA INDIX NUME)

CH 1 C921 262442-54-6

ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 2

Double bond memetry as shown

262442-59-3 CANCUS TS-Pyriold(1-4-anime, 7-[eis-4-[4-(methoxymethy1)-1-pipe:sxismyl]oyelohesyl]-5-[4-phenoxymberyl]-, <math>(22)-2-butenedicate (1:3) [CA IDDIX MUME)

CM 1

CR2 262442-59-0 CMF C30 R36 N6 02 Relative stereochemistry. L5 AREMER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) ONF CIO RIG NG O

Absolute stereochemistry.

CRN 110-16-7 CMF C4 B4 O4

Double bond geometry as shown.

262442-57-9 CAPLUS
78-Pyrrolo[2,3-d]pyrinidin-4-amine, 7-[trans-4-[(3%)-2-(dinethylamino)-1-pyrrolidiny]|cyclobaxy])-5-[4-phenoxyphenyl)-, (22)-2-butenedioate (1:3) (CA INGER MUME)

CN 1

CRN 262442-56-8 CMP C30 B36 N6 O Abrolute stereochemistry.

ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CRN 110-16-7 CMF C4 84 04

Double bond monetry as shown

CO2B

RN 262442-69-4 CAPLUS CN Cyclobexaneactomirile, 4-[4-anino-5-(4-phenoxyphery1)-7H-pyrrolo|2,3-d)pyrandsh-7-y31-3-bydroxy-, cis- (CA INDEX NOME)

Relative stereochemistry.

ARSMER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

piperarizy1) cyclohexy1) -7%-pyzrolo[2,3-d]pyzimidin-5-y1]-2-fluoropheny1]-4-fluoro- (CA INTEX NAME)

L5 AMSNER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

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Double bond geometry as shown

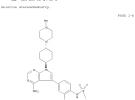
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LS ANSMER 20 OF 25 CAPLUS COFFRIGHT 2007 ACS on STN (Continued)

NR 262442-63-7 CAPLUS CN Benzenezulfomanide, N-[4-[4-amino-7-[cis-4-[4-methyl-1piperariny1)cyclobexy1)-78-pyrrolo[2,3-d]pyrinidin-5-y1]-2-fluoropheny1]-4-fluoro-, (28)-2-butesedioate (1:3) (CA INDEX NAME) CN 1

CMM 262442-62-6 CMF C29 H33 F2 N7 G2 S

CM 1 CMM 262442-64-8 CMF C29 833 F2 N7 O2 S



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CMR 110-16-7 CMP C4 B4 O4 Double bond geometry as shown

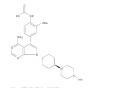
LS AMENUA 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

201442-78-4 CAPLUS Bestanide, -(4-animo-7-(4-oxocyclobexyl)-78-pyrrolo(2,3-d)pyrinidim-5-yl)-2-mentoxyphenyl)- (CA INDEX NAME)

262442-80-8 CAPL/8 Capture Continue Continue Capture C CM 3

CMN 262442-79-5 CMP C32 M39 N7 C3

ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



262442-83-1 CAPLUS Senzenesulfonanide, N-[4-[4-amino-7-[trans-4-(4-methyl-1- -

piperazinyl)cyclobexyl]=78-pyzrolo[2,3-d]pyzinidin=5-yl]=2-fluorophenyl]=2-(rzifluoromethoxy)-, (25)-2-butenedicate (1:3) (CA INDEX NOME)

CH 1

CBN 262442-82-0 CMF C30 833 F4 N7 O3 8

Relative stereochemistry.

AMEMER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

RN 262442-81-9 CAPLUS
CR Benzantós,
R-[4-[4-anino-7-[trans-4-(4-methyl-1-piperarinyl)cyclobexyl]-7Hpyrrolo[2,7-d]pyr inidis-5-yl]-2-methoxypbenyl]- (CA RMEE NAME) Relative stereochemistry.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN PAGE 1-A



CRN 110-16-7 CMF C4 B4 O4

Double bond geometry as shown

EE 262442-85-3 CAPLUS
CB 2-Thiopheneralfonanide, N-[4-[4-amino-7-[tranz-4-(4-methy1-1-

piperaziny1)cyclobexy1]-78-pyrrolo[2,3-d]pyrimidin-5-y1]-2-fluoropheny1]-5ohloro-, (28)-2-butenedicate [1:3] (CA INDEX NOME)

15 MEMBER 30 of 25 CANAGE COFFRIGHT 2557 ACS on STE (Continued)
OH 12
OH CC1 H1 C1 H1 C1 ST C1 ST C1 ST C2
Relative steroschosistry.

FACE 1-A

F CL

CRE 110-16-7 CRE C4 E4 O4 Double bond geometry as shown.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued PAGE 2-A

, 6,

PAGE 2-A

CM 2 CMS 110-16-7 CMS C4 M4 O4

20 202442-92-1 CAPAUS CD Benzenswifonanide, N-[4-[4-aniso-7-[trans-4-[4-methyl-]-papera.ayl)-eyoloseyl-78-pyzrolo(2,3-d]pyzinidin-5-yl)-2-flworophenyl)-2,3-dichloro-, (25)-2-bwtenedicate (2:3) (CA INDEX NAME)

CR2 262442-90-0 CRF C29 ND2 CL2 F N7 O2 S L5 AMEMEN 20 OF 25 CAPLUS COPTRIGHT 2007 ACS on STN (Continued)

802C 3 CO28

RE 262442-88-4 CAPLUS CN Benzementicesanide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-

puperszinyl)cyclohexyl]=78-pyzrolo[2,3-d]pyzinidin=5-yl]=2-fluorophenyl]=2chloro=4-fluoro-, (25)=2-betenedicate (1:3) (CA INTEX NAME)

OH 1

CRN 262442-87-5 CNF CL9 RS2 Cl F2 N7 G2 S Relative stereochemistry.

FACE 1-A



L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
PAGE 1-A

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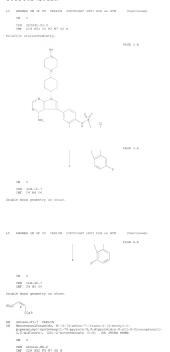
CRS 110-16-7 CRS C4 R4 O4

Double bond geometry as shown.

802C 2

EN 262442-93-3 CAPLUS CN Benzenezulfommide, N-[4-[4-amino-7-[ciz-4-[4-methyl-1-

piperaziny1)cyclobexy1]-78-pyrrolo[2,3-d]pyrinidin-5-y1]-2-fluoropheny1]-2ohloro-4-fluoro-, (22)-2-buteneduate (1:3) (CA IMBEX NAME)



CM 1 CMM 262442-94-4 CMF C29 832 F3 N7 C2 S PAGE 1-A L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN PAGE 1-A PAGE 2-A CRN 110-16-7 CMF C4 B4 O4 Double bond geometry as shown.

NN 262443-00-5 CAPLUS CN 2,1,3-Benrothiadiarole-4-sulfonunide, N-[4-[4-anino-7-[trans-4-(4-methyl-1-

paperazanyl)cyclobexyl]-78-pyrrolo(2,3-d)pyrimadam-5-yl]-2-floorophenyl)-,

Relative stereochemistry.

13 MEMORS 20 GT 33 CALLED, COPYRIGHT NOT ACC ON 200 (Continued)

OH 1

OH COPYRIGHT NO CO 20

PART 1-A

PART 1-A

15 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued PAGE 2-A

C22 110-16-7 CMF C4 84 C4 Double bond geometry as shown.

CRN 110-16-7 CMT C4 R4 C4 Double bond geometry as shown.

802C 2 CO28

RM 262443-05-0 CAPLUS CN Benzenesulfonanido, N=[4=[4-amino=7=[cis=4=(4-methyl=1=

piperariny1)cyclohexy1)-78-pyrrolo(2,3-d)pyrinidin-5-y1)-2-fluoropheny1)-2nirro-, (22)-2-bytenedicate (3:3) (CA INDEX NAME)

CM 1 CMM 262443-04-9 CMF C29 M33 F M8 O4 8

Relative stereochemistry.

L5 AREMER 20 OF 25 CAPLUS COTTRIGHT 2007 ACS on STR (Continued) 102C

HB 202443-01-8 CAPL/S CB BenzeperalCosantide, R-{4-{4-anixo-7-{trams-4-{4-nethyl-1-pipera:inyi}-cycloheyyl-7-B-pyrrolo[2,3-d]pyrinidin-5-yl-2-finorophenyl-2,7,4-trifluoro-, (22)-2-butepedicate (1:3) (CA INSEX ROME)

CM 1 CMM 262443-02-7 CMM C29 M31 M4 M7 C2 S

Relative stereochemistry.

1.5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

PAGE 2-A

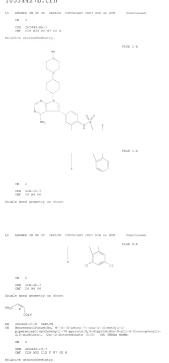
| |

CRN 110-16-7 CMF C4 84 04 Double bond geometry as shown.

802C 2 0021

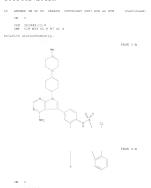
9 262443-07-2 CAPLUS 9 Benzenezulfonanide, N-14-14-amino-7-1ciz-4-(4-methyl-1-1-

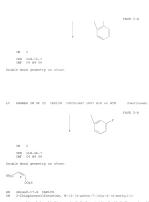
piperaziny1)cyclobexy1]-78-pyrrolo[2,3-d]pyrinidin-5-y1]-2-fluoropheny1]-2fluoro-, (25)-2-butenedicate [1:3] (CA INDEX NOME)



262443-09-4 CAPAUS
Benrensuslicomanule, N-[4-[4-anxno-7-[cir-4-[4-methyl-1-piperasimyk) cyclohexyl]-7B-pyrrolo[2,3-d]pyrinidin-5-yl]-2-fluorophenyl]-2,4,6-xischloro-, (22)-2-butomedicate (113) (C. NDEX NAME) CMR 262443-08-3 CMP C29 B31 C13 F N7 O2 S PAGE 1-A L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) PAGE 1-A PAGE 2-A CRN 110-16-7 CMF C4 B4 O4 Double bond geometry as shown.

393 262443-13-0 CAPLUS
CN Bentemanifon.N-[6-[4-anino-7-[cix-6-[4-asthyl-1piperaxinyl)cyclobexyl]-78-pyrrolo[2,3-d]pyrindin-5-yl]-2-fluorophenyl]-2chloro-, (22)-2-buteedisate (13) (CA NBOK NBME)





piperaziny1)eyelohexy1)=78-pyrrolo(2,3-d)pyrimidin-5-y1)=2-fluoropheny1)=5-chloro-, (22)=2-bytemedicate (1:2) (CA IMDEX NAME) CM 1 CRS 262443-16-3 CMF C27 831 C1 F N7 O2 82 Relative stereochemistry.

FN 262443-15-2 CAPLUS CN Bestemesulfonanide, N-[4-[4-animo-7-[cis-4-(4-methyl-1piperaziny1)cyclobexy1]-78-pyrrolo[2,3-d]pyrinidis-5-y1]-2-fluoropheny1]-3-fluoro-, (22)-2-butesedioate [312] (CA INDEX NAME) CH 1 CMM 262443-14-1 CMF C29 M33 F2 M7 C2 S Relative stereochemistry. L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN



CN 2 CRR 110-16-7 CMF C4 84 04 Double bond geometry as shown

EN 262443-19-6 CAPLUS CN Benzenszulfomanide, N-[4-[4-amino-7-[ciz-4-(4-methyl-1piperaziny1)cyclobexy1]-78-pyrrolo[2,3-d]pyrimidin-5-y1]-2-fluoropheny1]-4-bromo-2,5-difluoro-, (ZE)-2-butenedicate (1:3) (CA INDEX NOWE)

15 AREMER 20 OF 25 CAPLUS COPYRIGHT 2507 ACS on STN (Continued) CN 1 CRS 262443-18-5 CMF C29 H31 Br F3 N7 O2 S PAGE 1-A



CMS 110-16-7 CMF 04 84 04 Double bond geometry as shown.



Double bond geometry as shown.

NN 262443-23-2 CAPLUS CN Benzenesulfonanide, N-[4-[4-anino-7-[cis-4-(4-methyl-1-

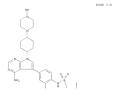
CRN 262443-22-1 CRF C29 833 F I N7 O2 8

Relative stereochemistry.

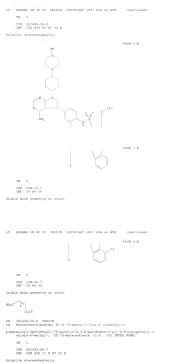
CM 1

CBS 262443-20-9 CMF C29 B32 C1 F2 N7 O2 S

PAGE 1-A



uble bond geometry as shown.



15 ANDRES 20 OF 25 CARLOS COTTERED 2007 ACS on ETH (Continued)

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CBH 110-16-7 CBY C4 H4 O4 Double bond geometry as shown.

262643-31-2 CAPLUS

CN Bentemanifonanide, N-[6-[4-anino-7-[cix-6-[4-asthyl-1piperazinyl)cyclobexyl]-7W-pyrrolo[2,3-d]pyrindin-5-yl]-2-fluorophenyl]-2chloro-6-cyano-, (22)-2-butceschate [1:3) (CA | HEEK NOME)



CRS 110-16-7 CRF C4 84 04 Double bond geometry as shown.

PAGE 2-A

Double bond geometry as shown.

262442-37-8 CAPL/8
Benzenesulfonanzie, N-[4-[4-amizo-7-[cis-4-(4-methyl-1piperaimyl)cyclobesyl]-7h-pyrzolo[2,3-d]pyrintdin-5-yl]-2-fluorophenyl]3,4-difuoro-, [22]-2-butemedioset [123] (CX. TREEX.MME)

CMF 262443-36-7 CMF C29 H32 F3 N7 O2 B

Relative stereochemistry.

CMM 262443-33-4 CMF C29 H31 F4 N7 O2 S

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15 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN PAGE 1-A

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CN 2

EN 282443-40-3 CAPLUS CN Benzenerulfomanide, N-[4-[4-anino-7-[cir-4-[4-methy1-1piperaxinyl)oyolohexyl]-78-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-4-

AREMER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) broso-2-fluoro-, (22)-2-butenedicate (1:3) (CA INDEX NUME) OH 1

CMS 262443-39-0 CMS C29 832 8x F2 N7 O2 S

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CM 2 CR20 110-16-7 CMF C4 84 04

Double bond geometry as shown.

PAGE 2-A

Double bond geometry as shown

CM 2

222 202443-44-7 CANUTS
CD Bearenewifomansde, N-[4-[4-anizo-7-]cis-4-[4-methyl-1-]
piperaxinyl)oyelohexyl]-78-pyrrolo[2,3-d]pyrinidiz-5-yl]-2-fluorophenyl]2,4-duchioro-, (25)-2-butenedinoste (13) (CA NDEK NME)

CR2 262443-43-6 CRF C29 X32 C12 F N7 O2 S

Relative stereochemistry.

ANSMER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

RM 262443-42-5 CAPLUS CN 2-Thiophenezulfonanide, N-[4-[4-anino-7-[ciz-4-[4-methyl-1-

rainyl)cyclobexyl]-7M-pyrrolo[2,3-d]pyrimidin-5-yl]-2-fluorophenyl]-5-brono-, (25)-2-butenedicate (1:3) (CA INDEX NAME) CM 1

CES 262443-41-4 CMF C27 831 Ex F N7 O2 S2

Relative stereochemistry.

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15 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN PAGE 1-A

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CRN 110-16-7 CMF C4 B4 O4

Double bond geometry as shown.

1.5 APRIMER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) CM 1

CRS 262443-46-9 CMF C19 H31 C13 F N7 O2 S

77.05 LA

F C1 C1 C1

CR2 110-16-7 CMF C4 84 04

Double bond geometry as shown.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

F S CI PAGE 2

CM 2 CMS 110-16-7 CMF C4 84 04

Double bond geometry as shown.

2020 E

CB 2.1.3-Benzothiadiazole-4-sulfonanide, N-[4-[4-anixo-7-[cis-4-[4-nethyl-puperazinyll-gelokesyl]-78-pyzrolo[2,3-d]pyzinidix-5-yl]-2-fluorophenyl]-, [22)-2-betzendouste [13] (C.N. HUMEN NHALL)

CM 1 CMM 262443-50-5 CMM C19 MH2 F M9 C2 M2

Relative stereochemistry.

L5 ANSMER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

802C 3 CO2B

NN 262443-49-2 CAPLUS CN 2-Thiophenesulfonamide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-

paperasiny11cyclobesy11-78-pyrrolo[2,3-d]pyrinidin-5-y11-2-fluoropheny1]-3
broso-5-chloro-, (23)-2-butenedicate (1:3) (CA INDEX NOME)

CM 1

CRR 262443-48-1 CMF C17 830 Nr C1 F N7 O2 S2

lative stereochemistry.

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1.5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
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CMS 110-16-7 CMF C4 84 04

Double bond geometry as shown.

802C 8 002B

FRI 262443-53-8 CAPLNS
CRI 2,1,3-Remnomatiazole-4-pulfonamide, N-[4-[4-amino-7-[els-4-(4-nethyl-1-piperazinyl) eyclohexyl)-78-pyrrolo[2,2-d]pyrimidin-5-yl]-2-fluorophenyl]-,
(ZE)-2-butemedioate (1:3) (CA INDEX MAME)

CM 1 CMN 262443-52-7

15 AREMER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) ON C29 H12 F NS OS S

Teletine stereochemistry

PAGE 1-A

OH 2 CHR 110-16-7 OHF C4 84 04

Double bond geometry as shown.

802C I CO28

NO 262442-55-0 CAPLUS CN 2,3,3-Benzoxadiazole-4-sulfonanide, N-(4-(4-amino-7-)dis-4-(4-methyl-1-

15 ANSWER 20 OF 25 CAPUTS COPYRIGHT 2007 ACS on STN (Continued) CNN 110-15-7 CNF C4 84 04

Double bond geometry as shown.

502C S CO2B

382 262443-57-2 CAPLUS CD 2,1,3-Remorthizationis-6-sulfomanids, N-[4-[4-anino-7-[cis-4-[4-nethyl-1-piperaniny]] symlohexyl]-78-pyxrolo[2,3-d]pyxinidin-5-yl]-2-fluorophenyl]-7-

CM 1 CMN 262443-56-1 CMF C30 M34 F NO 02 S2

Relative stereochemistry.

PAGE 1-A

1.5 AMEMIER 20 OF 25 CAPLUS COPTRIGHT 2007 ACS on STN (Continued) piperaxinyl]cyclobexyl]-78-pyrrolo[2,3-d]pyrimidin-5-yl]-2-floorophenyl]-7-chloro-, [22]-2-butenedicate [1:3] (CA TREEK NUME)

OH 1 CHR 262443-54-9 OHF C29 H31 C1 F N9 G3 S

ONF C29 H31 C1 F N9 G3

PACE 3-A

FREE 2-A

L5 ANSMER 20 OF 25 CAPLOS COPYRIGHT 2007 ACS on STN (Continued)

/ PAGE 2-A

Xe—

CRN 110-16-7 CMF C4 84 04 Double bond geometry as shown.

802C 2

CM 2

M 262443-59-4 CAPLUS CR 2,1,3-Semothiadiatole-4-sulfomanide, N-[4-[4-anixo-7-[cis-4-(4-nethyl-1-piperarxy)]-yclobaxyl]-78-pyrolo[2,3-d]pyrinidim-5-pl]-2-flworophanyl]-5-nethyl-(22)-2-bursediote [11] (CA NDGU NUH)

CH 1 CHN 262443-58-3 CMF C30 834 F N9 C2 82

CMF C30 834 F N9 02 Relative stereochemistry.



CM 2 CMS 110-16-7 CMS C4 84 04

Double bond geometry as shown.

802C 2

CN Benzenesulfomamide, N=[4=[4-amino=7=[cis=4=(4-methyl=1

OH 1

CMM 262443-62-9 CMM C30 M35 C1 F N7 O2 S

Relative stereochemistry.

L5 ANSMER 20 OF 25 CAPLUS COFFEIGHT 2007 ACS on STN (Continued)

102C 3

RN 262443-61-5 CAPLUS CN 2,4,3-Benzothiadiazole-4-zulfonanide, N-[4-[4-anino-7-[cir-4-(4-nethyl-1-

piperaziny1)cyclohexy1]-7#-pyrrolo[2,3-d]pyrimidin-5-y1]-2-fluoropheny1]-5chloro-, (22)-2-butemedicate (1:3) (CA INDEX NAME)

OH 1

CBN 262443-60-7 CMF C29 W31 Cl F N9 C2 S2 Pelative stereochemistry.

PACE 1-A

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 1007 ACS on STN (Continued)
PAGE 1-A

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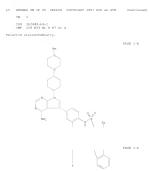
CN 2 CRN 110-16-7 CMF C4 R6 O4

Double bond geometry as shown.

802C 2 0021

SI 262443-65-2 CAPLUS SI Benzenegulfonamide, N-14-14-amino-7-1cig-4-14-methyl-:

piperaziny1)cyclohexy1]-78-pyrrolo[2,3-d]pyrimidin-5-y1]-2-fluoropheny1]-2 brono-, (22)-2-bitenedicate (1)3) (CA DDEX NAME)



CRS 110-16-7 CRF C4 84 04 Double bond geometry as shown.

15 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) PAGE 2-A

Double bond geometry as shown.

92 262443-69-6 CAPLUS
C3 Benzementhanesulforanide, N-[4-[4-amino-7-[cis-4-(4-methyl-1-

piperarizy1)cyclobexy1]-7%-pyzrolo(2,3-d)pyzimidin-5-y1)-2-fluorophexy1]-2-nirro-, (22)-2-brtezedioate (3:3) (CA TRUEX NAME)

CM 1

CMN 262443-68-5 CMF C30 H35 F NS 04 B

Relative stereochemistry.

262443-67-4 CAPLUS
BENTERBERTICHSHIGS, N-[4-[4-anino-7-[cis-4-(4-methyl-1-piperasinyl-yeplohayl]-7H-pyrrolo[2, 3-d]pyrinidin-5-ya]-2-fluorophensenson-5,6-difluoro-, (ZE)-2-butemedicate (1:5) (CA INDEX NUME)

CBN 262443-66-3 CBN C29 830 Br2 F3 N7 C2 B

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L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

PAGE 1-A

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CRS 110-16-7 CMF C4 84 04

Double bond geometry as shown.

262443-70-9 CAPLUS 1-Piperazimecarkounnidamide, 4-[cis-4-[4-amino-5-[4-phenoxyphenyl]-78-pyrrolo[2,7-d]pyrmidim-7-pl]cyclobexyl]- (CA IRREX NAME)

15 ARSMLR 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

162443-71-0 CAPLUS 1-Piperarinecurboximidanide, 4-[trans-4-[4-anino-5-[4-phespyrrolo[2,3-d]pyrinidin-7-yl]cyclohexyl)- (CA INDEX NAME) Relative stereochemistry.

929 262443-73-2 CAPLUS

15 ANNUER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

262443-75-4 CAPLUS β-Alanine, N-[4-[4-amino-5-[4-phenoxyphenyl])-7E-pyrrolo[2,3-d]pyrinidim-7-yl]cyclohexyl]- (CA INDEX NUME)

262443-77-4 CASCUS β -Alamine, N-[0xs-4-[4-amino-5-[4-phenoxyphenyl]-78-pyzrolo[2,3-d]pyzinidán-7-ylloyolohenyl]-, ethyl ester, (22)-2-betenedkeate (1x2) [SCI] (CA RIBOX NAME)

CN 1

CR21 262443-76-5 CNF C29 H33 N5 O3

ANSMER 20 OF 25 CAPLUS COPYRIGHT 2007 M/S on STN (Contanoed) 7H-Dytrolo[2,3-d]pyrimidin-4-manse, 7-[trans-4-[nethyl[2-[2-pyridinyl]ethyl]mino]cyclobexyl]-5-(4-phenoxyphenyl)-, [22)-2-butenedicate [1:3] (CA RUBER NUME)

CH 1

CMM 262443-72-1 CMF C32 H34 N6 O

CN 2 CRS 110-16-7 CNF C4 B4 O4

Domble bond geometry as shown.

PRN 262443-74-3 CAPLUS
CN [P-Alanine, N-[cis-4-[4-anino-5-[4-phenoxyphenyl)-78-pyrrolo[2,3-d]pyrinidin-7-pilyelobexyl]- (CA INDEX NAME)

ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CN 2 CHN 110-16-7 CMF C4 84 04

CO2E

RE 262442-78-7 CAFLUS CR Acetonitrile, [4-[4-animo-5-[4-phenoxyphenyl)-7E-pyrrolo[2,3-d]pyrimidin-7-yl]cyclohoxylidens[-[9CI] (CA INDEX NOME)

RN 262443-79-8 CAPLUS

15 AREMER 20 OF 25 CAPLUS COPFRIGHT 2007 ACS on STN (Continued)
CR Acetic acid,
[4-(4-anino-5-(4-phenoxyphenyl)-78-pyrrolo[2,3-d]pyrinidin-7yl]cyclohoxylidese]-, 1,2-dinethylsthyl actor [9C1) (CA INDEX NAME)

262443-80-1 CATAUS Acetic acid, -(4-animo-5-(4-phenoxyphenyl)-7E-pyrrolo[2,3-d]pyximidin-7-yl[cyclohexylidene], ethyl exter (9Cl) (CA INDEX NAME)

262443-81-2 CAPLUS Acetic acid, (4-anino-5-[4-phenoxyphenyl)-7E-pyzrolo[2,3-d]pyzinidin-7-vilovelohexylidens]- [9CI] (CA INDEX SUME)

LS AMEMBE 20 OF 25 CAPLUS COPTRIGHT 2007 ACS on STN (Continued)

262443-82-3 CAPLOS 78-Pyrrolo[2,3-4]pyrinidin-6-amine, 7-[6-[2-aminosthy1)cyclohexy1]-5-(6-phenoxypheny)1- (CA INDEX NAME)

262443-83-4 CAPLUS Cyclobeaneacetic acid, 4-[4-amino-5-14-phenoxyphenyl]-78-pyrrolo[2,3-d]pyrimidin-7-yl]- (CA INDEX NAME)

ANSWER 2G OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



262447-84-5 CAPLUS 7E-Piprinidin-4-anine, 5-(4-phenoxyphenyl)-7-[trans-4-(1-pyrolidinyl)-yolobayl]- (CA NUDEX NAME) Relative stereochemistry.

NO 262443-86-7 CAPUTS CS 1,2-Sthamedianire, N-[rans-6-[4-anino-5-1-4-phenoxyphenyl)-78-pyzrolo[2,2-d]pyzanidan-7-yl]oyolobexyl]-N,N',N'-tzamethyl-, (22)-2-butenedioate (901) (CA INDEX NAME)

CN 1

CRM 262443-85-6 CMF C29 836 NG 0

15 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CN 2 CRN 110-16-7 CMF C4 H4 O4

Double bond memetry as shown

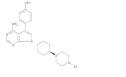
262443-87-8 CAPLUS
78-Pyrrolo[2,3-d]pyrinidin-4-amine, 7-[trans-4-(4-ethyl-1-puperarinyl)cyclohexyl]-5-(4-phenoxyphenyl)- (CA INDEX NAME) Relative stereochemistry.

AREMER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

262443-88-9 CAPLUS 7E-Pyrroio(2,3-d)pyrinidin-6-anine, 5-(4-phenoxyphenyl)-7-[trans-6-(1-pyrroidinyl)cyclobexyl]-, [25)-2-butenedioate [1:2) (CA INDEX NOME)

CM 1 CMN 262443-84-5 CMF C28 H31 N5 O

WER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN



CR20 110-16-7 CMF C4 84 04

262443-95-9 CAPLUS 78-Pyrrolo[2,3-d]pyrinidin-4-amine, ?-(cis-4-(4-ethyl-1-pyrrolo[2,3-d]pyrinidin-4-amine, ?-(cis-4-(4-ethyl-1-pyr) (2011)

CRN 262441-75-8 CMY C30 836 N6 0

15 ANSMER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) CRS 110-16-7 CRF C4 R4 O4

Double bond geometry as shown.

Relative stereochemistry.

262443-93-6 CAROS 7H-Pyrrole (2,7-d)pyrinidin-4-anime, ?-(trans-4-(4-ethyl-1-piperariny))eyeloheayl)-5-(4-phemoxyphenyl)-, [22)-2-butenedicate (1:3) [CA INDEX BWH]

ON 1 CRN 262443-87-8 CMF C30 N36 N6 O Relative stereochemistry.

ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



CMM 110-16-7 CMF C4 84 04

381 262447-99-1 CAPAUS 22 7M-Pyrrolo(2,3-40) pyrinidin-4-anine, 7-(trans-4-(1R,4R)-2,5-diarabicyclo(2.2.1)hept-3-ylcyclobaryl)-3-(4-phenoxyphenyl)-, rel-, (22)-3-betenedicate (1:2) (26) (ININX NDME)

CH 1 CMM 262443-97-0 CMM C29 H32 N6 O

Relative stereochemistry.

AREMER 20 OF 25 CAPAGE COPYRIGHT 2007 ACS on STN (Continued)

Double bond geometry as shown

262444-00-8 CAPLOS 78-19rinidin-4-anine, 7-[eis-4-(1R,4K)-2,5-diazabicyclo[2,2.1]bept-2-ylcyclobeayl]-5-(4-phenoxyphenyl)-, rel-, [22)-2-betenedicate [1:3] [9C1] (CA INDEX SMME) CM 1

CHR 262443-99-2 CHF C29 H32 N6 0 Relative stereochemistry.

ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

921 262444-02-0 CAPLUS CN Benzemepropananide, N-[4-[4-amino-7-[trans-4-[4-methyl-1-

psperazinyl) cyclohexyl]-7%-pyrrolo(2,3-d)pyrimidin-5-yl]-2-methoxyphenyl]-(CA INDEX NAME)

ANSMER 20 OF 25 CAPLUS COFFRIGHT 2007 ACS on STN (Continued)



Double bond geometry as sho

pipersziny1)cyclobexy1]-78-pyrrolo[2,3-d]pyrimidin-5-y1]-2-methoxypheny1], [22)-2-butenedioste (1:3) (CA INDEX NAME)

CN 1 CRN 262442-22-8 CMF C33 841 N7 G2

Relative stereochemistry.

ANSMER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



262444-03-1 CAPLO8 Benrenepropanamide, N-[4-[4-anino-7-[trans-4-[4-methy]-1-

piperariny1) cyclobexyl] = 78-pyrrolo[2,3-d]pyrimidin-5-yl] = 2-methoxyphenyl] = , (22) = 2-butenedicate (1:3) (CA INDEX NAME) CN 1

CRN 262444-02-0 CMF C33 841 N7 02

Relative stereochemistry.

15 ARSMER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CMS 110-16-7 CMS C4 84 04 Double bond geometry as shown.

PER 262444-05-3 CAPLUS
CEN 7E-Pyrrolo(2,3-d)pyrinidin-4-anine, 5-(4-anino-3-methoxyphenyl)-7-(cis-4-(4-methyl-1-pysrazinyl)cyclobayl)- (CA INDEX NOME)

L5 ARREATED OF 25 CAPADS COPYRIGHT 2007 ACS on STN (Continued) Relative stereochemistry.

Relative stereochemistry.

261444-68-8 CAYA78
CAYANNE acad.
(-4-anino-7-lois-(-4-enthyl-1-piperazinyl)oyolobasyl]-7Hpyrrole[2,3-d]pyrinidin-5-yl]-2-enthoxyphenyl]-, phenylmethyl ester,
[22-2-elverediotate [13] 9(21) [CA_3700X_8960]

CN 1 C98 262444-67-7

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LS AMEMER 20 OF 25 CAPLUS COPTRIGHT 2007 ACS on STN (Continued)

NN 262444-06-4 CAPLUS CR 7H-Pyrrolo[2,3-d]pyrinidin-4-anine, 5-(4-anino-3-nethoxyphenyl)-7-[trans-4-(4-nethyl-1-piperazinyl)cyclobexyl]- (CA INDEX NAME)

262444-07-5 CAPLOS Cyclobesamacctostitile, 6-[4-amino-5-[4-phenoxyphenyl)-7H-pyrrolo[2,3-d]pyrindin-7-yl]-1-bydromy-, trans- (CA INDEX MAME)

ANSWER 20 OF 25 CAPLUS COPYRIGET 2007 ACS on STN (Continued) CMF C12 E19 N7 C3

CR21 110-16-7 CMF C4 H4 O4

Double bond geometry as shown.

| 262444-69-9 CMFURS | COMPURS | COM

CH 1

CMN 262442-81-9 CMP C31 H37 N7 O2 Relative stereochemistry. 15 AREMER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CMS 110-16-7 CMS C4 84 04

38 3/1444-71-3 CARCES CE Benroutrile, 2-14-[4-anino-7-[cis-4-(4-methyl-3-piperariny1) cyclobexyl]-Te-pyrrolo[2]-3-djpyrnucin-5-yl]pheroxyl-4-[(3-methoxypropy1) anino]-, [22)-2-betseedoise [i13] [CA INDEX MAND.]

CM 1

C929 262444-70-2 C967 C34 842 88 02

Relative stereochemistry.

15 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) CM 1

CMM 262444-72-4 CMF C34 842 M8 02

Relative stereochemistry.

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CMS 110-16-7 CMS C4 N4 O4

E020 2 CO28

FM 262444-75-7 CAPLUS CN Bestonitzile, 2-amino-6-[4-[4-amino-7-[016-4-[4-methyl-1-

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LS ANSMER 20 OF 25 CAPLUS COFFRIGHT 2007 ACS on STN (Continued)

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CMN 110-16-7 CMF C4 84 04

Double bond geometry as shown.

38 262444-73-5 CM205 CB Bannontrile, 2-{4-(4-anis-7-itans-4-(4-nethyl-1-piperarinyl)cycloheayl-7-pyrcolof(2,3-d)gyrindin-5-yl)phroncyl-6-[13-nethoxypropyl)anino)-, (23)-2-berneddoxte [13]- (G. NIBES NOR).

L5 ANSMER 20 OF 25 CAPLUS COPYRIGHT 2007 MCS on STN (Continued) piperarinylloyolobexyll-TH-pyrrolo[2, 2-d]pyrimidin-5-yl]phenoxyl-, (22)-2-butenedicate (1:3) (CA INDEX NUME) CN 1

CRN 262444-74-6 CMF CNO 834 NO O

Relative stereochemistry.

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CRN 110-16-7 CMF C4 H4 O4 Double bond geometry as shown

ARRIMER 20 OF 25 CAPAUS COPPRIGHT 2007 McS on STN (Continued) 22.444-77-9 CAPAUS COPPRIGHT 2007 McS on STN (Continued) Enrolitrile, 2-amin-6-[4-[4-mnino-7-[trans-4-[4-methyl-1-piparasay]-ypyclobay]-7-78-pyrrolo[3, 3-d]pyrindin-5-yl]pheroxy]-, 1237-2-buterostate [1:9] (C. MIROSE MOME) CM 1

CRN 262444-76-8 CMF CIG RI4 NR O

CRS 110-16-7 CRF C4 E4 04

Double bond geometry as shown.

Double bond geometry as shown.

NO 062444-01-5 CAPLUS
CD Bearonitrile,
2-[4-[4-4]--T-[trans-4-(4-methyl-1-piperasinyl)cyclobasyl]76-pyrolo[3,3-6]pyrinsdan-5-yl]phenoxyl-6-[1-methylphenyl)thio]-,
[23)-2-bursendoinet [13] (CA NIREE NOW(1-methylphenyl)thio]-,

CM 3 C921 262444-90-4 CMF C37 839 N7 C S

Relative stereochemistry.



CH 1

CMM 262444-78-0 CMM C37 M39 N7 O S

PAGE 2-A

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 2 CMN 110-16-7 CMF C4 R4 O4

Double bond geometry as shown.

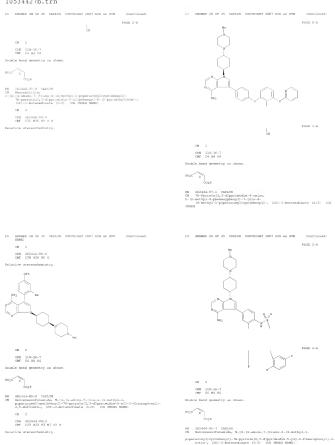
CN 2

262444-83-7 CAPLOS
Benzonitrile, 2-[4-[4-anino-7-[cir-4-(4-methyl-1-piperazinyl)cyclohexyl]78-pyrzolc[2, 3-[pyrioldim-5-yl]phronyl = 6(2-pyridimylthio)-,
(22)-2-buttenedicate [1:3] (CA IRDEX NAME)

CH 1 CRN 262444-82-6 CNF C35 B36 NB O S

Relative stereochemistry.

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CM 2 CJ22 110-16-7 CMC C4 H4 O4 Double bond geometry as shown.

15 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

PAGE 2-A

CR21 110-16-7 CRF C4 84 04 Double bond geometry as show

RO₂C Z

22 26244-93-1 CAPLUS

CB Benzessifosanide, N=[4-[4-anixo-7-[trans-4-(4-methyl-1paperasingle-polohesyl-]-78-perzolo[2,3-d]pyrindsin-5-yl-2-fluorophesyl-2,4-6-xichloro-, (25)-2-bstenedicate [1:5] (CA INDEX NAME)

CM 3

CRR 262444-94-0 CRF CRP NRI CRR NT OR S 15 ANSMER 20 OF 25 CAPLUS COPPRIGHT 2007 ACS on STN (Continued) NO2C S

NN 262444-93-9 CAPLUS CN Benzenerulfonanide, N-[4-[4-amimo-7-[trans-4-[4-methyl-1-

paperazinyl) cyclobexyl)-7%-pyrrolo[2,3-d]pyrinidis-5-yl)-2-flworophenyl)-2flworo-, [22)-2-butesedioate [113] (CA INDEX ROME) CM 1

CBB 262444-92-8 CMF C29 B33 F2 B7 C2 S

CMF C29 H33 F2 N7 O2 S Relative stereochemistry.

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L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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CRN 110-16-7 CRP C4 84 04

Double bond geometry as shown.

802C 2

PN 282444-97-3 CAPLUS
CM Benzenzulfonanide, N-[4-[4-maxno-7-[tranz-4-[4-nethyl-1-piperarinyl)cyclobexyl]-7H-pyrrolo[2,3-d]pyrinidin-5-yl]-2-fluorophenyl]-2,4-dichloro-, [22)-2-butenedioute [1:1] (CA INDEX NORE)

CM 2
CMM 110-16-7
CMM C4 M4 C4
Double bond geometry as shown.

15 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
PAGE 2-A

F FAUR 2-N

PAGE 2-A

CRS 110-16-7 CRF C4 R4 C4 Double bond geometry as shows

CO2H

CN Sentenewinomanne, N=(-(a-anino-)-(trans-s-(a-nethyl-1piperarinyl) cyclohexyl)-7%-pyrrolo(2,3-d)pyrinidin-5-yl)-2-fluorophenyl)-3fluoro-, (20)-2-butenedicate (1:2) (CA MORK NMM)

CM 1 CBS 262445-00-1 CBS CS9 833 F2 N7 O2 8 Relative stereochemistry. L5 ANSMER 20 OF 25 CAPLUS COPTRIGHT 2007 ACS on STN (Continues

802C 3 CO2B

PR 262444-99-5 CAPLUS CR Benzemezulfonamide, N-[4-[4-amino-7-[trang-4-[4-methyl-1

papersumy1) cyclobexy1)-78-pyrrolo[2,3-d]pyrmidis-5-y1]-2-flworopheny1)-2chloro-, (22)-2-butenedicate (1:3) (CA INDEX NOME)
CM 1

CES 262444-98-4 CMF C29 B33 C1 F N7 G2 S

stereochemistry.

7000 1-0.

L5 ANSWER 20 OF 25 CAPLOS COPYRIGHT 2007 ACS on STN (Continued)
FACE 1-A

7905 1-

PAGE 2-A

ON 2 CRN 110-16-7 CRP C4 84 04

Double bond geometry as shown.

802C 2

N 262445-03-4 CAPLUS N Benzenezulfonanide, N-14-14-amino-7-1trang-4-14-methyl-1-

piperaziny1)cyclobexy1]-78-pyrrolo[2,3-d]pyrinidin-5-y1]-2-fluoropheny1]-4brono-2,5-difluoro-, [22)-2-butenedioate [1:3) (CA INDEX NOME)

15 ARSMLR 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) CM 1 CMF 262445-02-3 CMF C29 H31 Br P3 N7 O2 S Relative stereochemistry. PAGE 1-A

PAGE 2-A

- - PAGE 2-A
- Double bond geometry as shown.
- 93 262445-07-8 CAFLUS CN Benzenesulfonancie, N-[4-[4-amino-7-[trans-4-(4-methyl-1-
- piperarizy1)cyclobexy1)-7%-pyrrolo(2,3-d)pyrimidin-5-y1)-2-fluoropheny1)-2-iodo-, (22)-2-butenedioate (1:3) (CA INDEX NAME)
 - CMN 262445-06-7 CMF C29 H33 F I N7 O2 B

Relative stereochemistry.

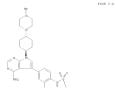
L5 ANSMER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) Double bond geometry as shown.

FR 262445-05-6 CAPLUS CN Benzenezulfomanide, N-[4-[4-amino-7-[tranz-4-(4-methyl-1-

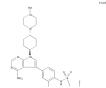
piperariny1)eyelobexy1]=78-pyrrolo[2,3-d]pyrimidis-5-y1]=2-fleoropheny1]=3-chloro-4-fleoro-, (22)=2-betenedicate (1:3) (CA INDEX NAME) CM 1

CRN 262445-04-5 CMF C29 B32 C1 F2 N7 G2 S

Relative stereochemistry.



L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN PAGE 1-A



CRN 110-16-7 CMF C4 B4 O4 Double bond geometry as shown

piperaziny1)cyclobexy1]-78-pyrrolo[2,3-d]pyrinidin-5-y1]-2-flworopheny1]-2ohloro-6-methyl-, (22)-2-butenedicate (1:3) (CA IMBEX NAME)



FN 262445-11-4 CAPLUS CN Benjamerolfomenide, N-[4-[4-amino-7-[trans-4-[4-methyl-1-CH 1 CMN 262445-10-3 CMF C30 M32 C1 F N8 02 S Relative stereochemistry. (Continued) 15 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN PAGE 1-A PAGE 2-A CM 2 CRN 110-16-7 CMF C4 84 04

IN 262445-15-8 CAPLUS
CH Benzenerulfonanide, N-[4-[4-anino-7-[tranz-4-[4-nethyl-1-piperazinylloyolobexyl]-78-pyrrolo[2,3-d]pyrinidin-5-yl]-2-floorophenyl]-4-

OH 1

CRR 262445-12-5 CRF C29 R32 F3 N7 O2 S Relative stereochemistry.

AREMER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) broso-2-fluoro-, (22)-2-butenedicate (1:3) (CA INDEX NUME) OH 1

CMF C29 832 Br F2 N7 C2 S

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CM 2 CR25 110-16-7 CMF C4 84 04

Double bond geometry as shown.

PAGE 2-A

PAGE 2-A

CM 2

Double bond geometry as shown

PS 262441-19-2 CAPLUS
CB Benzenesifosande, N-[4-[4-aniso-7-[trans-4-[4-methyl-1-piperasingl)-yelohesyl]-78-pyrrolo[2,3-d]pyrinidirs-5-yl]-2-fluorophesyl]-2,4-diehloro-, [22)-2-butesednoste [1:3] (CA INDEX NUME)

CR2 262445-18-1 CMF C29 X32 C12 F N7 O2 S

Relative stereochemistry.

ANSMER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CH 1

CES 262445-16-9 CMF C27 E31 Ex F N7 O2 S2 Relative stereochemistry.

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15 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN PAGE 1-A

PAGE 2-A

CRN 110-16-7 CMF C4 B4 O4

Double bond geometry as shown.

15 AMEMIA 20 OF 23 CARLOS COPPAIGNT 2007 ACS on STN (Continued)
OH 1
CSN 12446-26-5
OF CSN M1 CD3 F NT O2 S
Selective interconnective,

FACE 1-A

CRE 110-16-7 CRE C4 84 04 Double bond geometry as shown.

L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued

PAGE 2-A

CM 2 CMS 110-16-7 CMF C4 84 04

Double bond geometry as shown.

X020 2 CO28

N) 262445-25-0 CAPL/98 (3) 2,1,3-Remionadatole-4-sulfonanide, N-[4-[4-amino-7-[trans-4-[4-methyl=1piperatizy]] vyglobexy])-78-pyrrolo[2,3-d)pyrinidin-5-y])-2-fluoropheny]]-, [22)-2-bytemedioate (1:3) (CA. NUMEX MUME)

CR 1 CRN 262445-24-9 CRF C29 832 F R9 03 8

Relative stereochemistry.

15 ANSMER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

802C 3 CO28

NN 201445-23-0 CAPLUS CN 2-Thiopheneuslfonenide, N-[4-[4-amino-7-[trans-4-(4-methyl-1-

puperailny() byclobesy() - 78-pyrrolo(), 3-d)pyrusidin-5-yl)-2-fluoropheny()-3
hrono-5-chloro-, (25)-2-butenedicate (1:3) (CA INSEX NAME)

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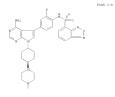
CBB 262445-22-7 CMF C27 B30 Br C1 F N7 O2 S2

CAF C1 200 21 C1 2 1

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L5 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



PAGE 2-A Me

CMR 110-16-7 CMF C4 84 04

Double bond geometry as shown.

802C 8

FM 262445-27-2 CAMLUS CM 2,1,3-Remonadazole-4-sulfonande, N-[4-[4-anino-7-]trans-4-[4-methyl-1piperazinyl) cyclobesyl)-78-pyrrolo[2,3-d)pyrinidin-5-yl-2-floorophenyl)-7chloro-, (ZM-2-butseminote [1:3-] (CA INDEX NOME)

CM 1 CMM 262445-26-1

15 AREMER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) ON C29 N11 CL F N9 OS S PAGE 1-A

CM 2 CRS 110-16-7 CRF C4 84 04 Double bond geometry as shown.

15 ANSMER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) PAGE 2-A

Double bond geometry as shown.

90 262445-31-8 CAPLUS CB 2,1,3-Benzothiadiazole-4-sulfonanide, N-[4-(4-animo-7-[trans-4-(4-methyl-1-

piperaziny1) cyclohexy1)=7%-pyrrolo(2,3-d)pyrimidin-5-y1)=2-fluoropheny1]-5-methy1-, (22)=2-butemedicate (3:3) (CA INDEX NAME) CM 2

C901 262445-30-7 C907 C30 #34 # N9 02 52

Relative stereochemistry.

LS ANSMER 20 OF 25 CAPLUS COFFRIGHT 2007 ACS on STN (Continued)

PM 262445-29-4 CAPLUS CN 2,1,3-Remothiadia:ole-4-rulfonanide, N-[4-[4-anino-7-[trans-4-(4-nethyl-1-

pSperazinyl) cyclobexyl)-78-pyxrolo(2,3-d)pyximidin-5-yl)-2-fluorophenyl)-7-methyl-, (22)-2-butemedicate (3:3) (CA INMEX NAME) CM 1

CRR 262445-28-3 CMF C30 R34 F R9 G2 S2 Relative storeochemistry.

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15 ANSWER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) PAGE 1-A

PAGE 2-A

CH 2

CRN 110-16-7 CNF C4 84 04

FSI 262445-33-0 CAPLUS CN 2,1,3-Remonthiadiazole-4-sulfonamide, N-[4-[4-anino-7-[trans-4-(4-methyl-1-

15 ARSMER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) piperaxiny1)cyclohexy1]-78-pyrrolo[2,3-d]pyrimidin-5-y1]-2-fluoropheny1]-5chloro-, (22)-2-butenedicate [1:3) (CA INDEX NOME)

CM2 262445-32-9 CMF C29 831 C1 F N9 02 82

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CM 2

CM S

piperazinyl) cyclohexyl] -78-pyzrolo [2,3-d]pyzinidin-5-yl] -2-fluorophenyl] -2-prono-, [25]-2-buteredicate [1:3] [CA INDEX NAME)

OH 1 CRS 262445-36-3 CRF C29 R33 Rr F N7 G2 S Relative stereochemistry.

15 ANSMER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) CRS 110-16-7 CRF C4 R4 O4

Double bond geometry as shown.

EN 262445-35-2 CAPLUS CN Benrenesulfonanide, N=[4=[4-amino-7-[trans-4-(4-methyl-1-

piperariny1)cyclobexy1]-78-pyrrolo(2,3-d)pyrinidin-5-y1]-2-fiuoropheny1]-3-chloro-2-methy1-, (22)-2-intenedicate (1:3) (CA INDEX NAME) ON 1

CMM 262445-34-1 CMM C30 835 C1 F N7 G2 S

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PAGE 1-A

CRN 110-16-7 CMF C4 B4 O4

Double bond geometry as shown.

15 ARSMER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) CM 1

CR2 262445-28-5 CMF C29 H30 Br2 F3 N7 O2 B

CM2 C29 H30 M2 F3 N/ C2

CH 2 CDS 110-14-7 CDF C4 R4 C4

Double bond geometry as shown

15 ANSMER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) CM 2

CMS 110-16-7 CMF C4 84 04

Double bond geometry as shown.

802C 2 CO28

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aliphatic,
| Detero)aromatic, or cycloalkyl; El = (um)substituted (hetero)cyclic,
|hetero)aromatic, amido, acyl, or (cyclo)alkylsulfonyl; E2 = 8, halo,

CM, CR, (NR)substituted aliphatic, cycloalkyl, (hetero)aromatic,

[betero]arally], amino, or anior XI amino, or anior XI amino, or anior XI univaluntited aliphatic, alkemyl, (betero)cycloalkyl, or [betero]aronatic; n = 0-0], and physiol. acceptable salts and metabolites thereof, were prepared For example, addition of piperidine to 4-(4-anio-5-)-(4-phenosyphenyl)-78-projol(2,3-d)primidin-7-

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15 AMSMER 20 OF 25 CAPLUS COPYRIGHT 2007 ACS on STR (Continued)

802C 3 CO28

EM 252445-41-0 CAPLUS CM Benzementhanegulfonamide, N-[4-[4-anino-7-[trans-4-(4-methyl-1-

pipersiny1)cyclobexy1]-78-pyrrolo[2,3-d]pyrinidis-5-y1]-2-fluoropheny1)-2nitro-, (25)-2-betenedicate (1:3) (CA INDEX NAME)
CM 1

CRS 262445-40-9 CMF C30 R35 F NO 04 S

Relative stereochemistry.

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RECORD. ALL CITATIONS AVAILABLE IN THE RE

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LS AMEMBER 21 OF 25 CAPLUS COPPRIGHT 2007 ACS on STR ACCESSION NUMBER: 2000:220171 CAPLUS DOUBMERT NUMBER: 12:251129

132:251159 Preparation of 4-aminopyrrolopyrimidines as protein kinase inhibitors Calderwood, David; Arnold, Lee D.; Mazdiyasni,

Mirst, Gaviny Demg, Byjean E.
MASF Aktsempenellschaft, Germany
DCT Int. Appl., 242 pp.
COMDEN PIXXD2
PAtent
English

DOCUMENT TYPE: DOCUMENT TYPE: LANGUAGE: FAMILY ACC. SUM. COUNT: PATENT INFORMATION:

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OTHER SCHRIE(S): MARRAT 132:251159 IT 262433-21-6P KL RNC (Blological activity or effector, except adverse); RSU (Blological)

ANNUAR 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

262433-17-0 CAPLUS FE-Pyrroio[2,3-d]pyrinidin-4-tyclopentyl- (CA INDEX NAME)

TW-Pyzrolo(2,3-d)pyzinidin-4-amine, 5-(3-amino-4-methoxyphenyl)-7-ryclosentyl- (CA INDEX NAME)

262433-34-1 CAPLUS 7E-Pyzzolo(2,3-d)pyrinidin-4-amime, 6-brono-7-cyclopentyl-5-(4-phenoxyphenyl)- (CA IMBEK NAME)

AMEMER 21 OF 25 CAPLAS COFFEIGHT 2007 ACS on STN [Continued] study, unclassified; ECT [Reactant]; STN [Synthetic preparation)? TRU [Therapsette use); EMCL [Relogical study]: FEER [Preparation]; EACT [Reactant or reasons); USES [Obes]
[Intermediate props. of 78-pyrrolo[2, 3-d]pyrinidin-4-amines as

edn

kramse inhibitors)
28249-21-4 CAPLES

CATHERIO SCHIP
(4-aniso-1-cyclopenty1-78-pyrrolo[2,7-d)pyrinidin-5-y1)2-nethouppensyl)-, 3-pyridin/imethyl ester (MCI) (CAIREE KUME)

17 2714-3-109 SEATES-SAR SEATES-SAR SEATES-11-09
INSTITUTE SEATES-SAR SEATES-

78-Pyrrolo[2,3-d]pyrimidin-4-amine, 5-(4-amino-3-methoxyphenyl)-7-oyolopentyl- (CA INDEX NOME)

ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

262433-52-3 262433-53-4 RL: RCT (Reactant) RACT (Reactant or reagent) (reactant; preparation of 78-pyrrolo[2,3-d]pyrimidin-4-anines as

78-Pygrolo[2, 3-d]pyginidin-4-gyglopentyl- (CA INDEX NAME) midin-4-amine, 5-(4-amino-3-fluorophenyl)-7-

262431-64-1P

ARSMER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continue RL: BAC (Biological activity or effector, except adverse); ESU

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fully review book 2100, [Moloculai demp]) 700 [Proparation] 700
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4-anino-7-syslopentyl-7E-pyrrolo[2,3-d]pyrinidin--yll-2-methoxybbonyll-4-(trifluorosethoxy) = (CA

262430-06-8 CAPLUS 2-Syridinesulfonanide, N=[4-(4-anino-?-cyclopentyl=?8-pyrrolo[2,3-d]pyrindin-5-yl?-2-methoxyphenyl]- (CA INDEX NAME)

262430-03-5 CAPLUS | 262430-03-5 Caravo | Benzeness||fonanide, |-14-(4-amino-7-syclopentyl-78-pyrrolo|2,2-d]pyrimidin-

ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

262430-07-9 CAPLUS 3-Pyridimentifonanide, N-[4-(4-amimo-7-cyclopentyl-7E-pyrrolo[2,3-d)pyrinidim-5-y1)-2-methoxyphemy1]- (CA INDEX NAME)

F2N 262430-08-0 CAPLUS

CN Benzenezulfonanide, N-[4-|4-amino-7-syclopentyl-78-pyrrolo[2,3-d]pyrimidin-5-yl)-2-(trifluoromethyl)phenyl)- (CA INDEX NAME)

NN 262430-69-1 CAPLUS CN Bencenewifonamide, N-[5-[4-animo-7-cyclopemtyl-7M-pyrrolo[2,3-d]pyrimidin-5-yl][1,2-bipbemyl]-2-yl]- (CA INDEX NUME)

15 AMENUR 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

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IR 262430-13-7 CAPLUS
CR Benzensulfonande,
N=[4-(4-anino-7-cyclopentyl-7E-pyzzolo[2,3-d]pyzinidin5-yl)-2-chlorophenyl]-2-cyano- (CA INDEX NAME)

262430-19-3 CAPLOS
CArkanic acid;
(4-amino-7-cyclopentyl-78-pyzrolo[2,3-d]pyzimidik-5-yl)2-methoxyphenyl]-, 2,2-dimethylpropyl astez (9C1) (CA INDEX NAME)

NR 262430-20-6 CAPLUS
CR Carbanic scid,
[4-(4-anino-7-cyclopentyl-78-pyzrolo[2,3-d]pyzinidin-5-yl)2-methoxyphenyl]-, 3-pyzidinylmethyl aster, hydrochlorids (9CI) (CA

AMENUE 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

MER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

Carbanic acid, -anino-7-cyclopentyl-75-pyrrolo[2,3-d]pyrinidin-5-yl)-2-fluorophenyl]-, phenylmethyl exter [9CI) (CA INDEX NAME)

- RN 262430-23-9 CAPLOS
 CN Carbanic acid,
 [4-(4-aniso-7-eyelopentyl-78-pyrrolo[2,3-d]pyrinidin-5-yl)2-methorysbenyll-, shemylsethyl ester (9C1) (CA IMDEX NAME)

s, iopentyl-7E-pyrrolo[2,3-d]pyrimidin-5-yl)-iyl]-, phenylmethyl enter (9Cl) (CA INDEX NAME)

RN 262430-26-2 CAPLOS
CR Carbanic acid,
[4-(4-anixo-7-cyclopentyl-78-pyrrolo[2,3-d]pyrimidin-5-yl)3-methoxyphonyl]- phenylmethyl ester (SCI) (CA RMEEX NAME)

ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

EN 262430-31-9 CAPLUS
CN Carbanic acid,
[4-(4-anino-7-oyelopentyl-78-pyrrolo[2,3-d]pyrimidin-5-yl)-

15 AREMER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) 2-methylphenyl]-, phenylmethyl exter (PCI) (CA INDEX NUME)

RES 262430-32-0 CAPLUS
CR Carbanic acid, [4-(4-animo-7-cyclopentyl-78-pyrrolo[2,3-d]pyrimidim-5

NN 201439-33-1 CAPLUS CN Benzezenethanesulfonanide, N-[4-(4-anino-7-cyclopentyl-7E-pyrrolo[2,3-d]pyrinidin-5-yl)-2-methoxyphenyl]- (CA INDEX NAME)

15 ASSMER 21 OF 25 CAPLUS COPFRIGHT 2007 ACS on STN (Continued) 20 262431-65-2 CAPLUS CR 78-Fyrrolo(2,)-elpyrinidine-6-methannine, 4-anino-7-cyclopentyl-5-(4phroxyphesyl)- (CA INDEX NAME)

920 262431-69-6 CAPLUS CB Cyclobexanol, 4=[4-anino-5-(4-phenoxyphenyl)-78-pyzrolo[2,3-d]pyzinidin-7yl]- (CA NECEX NAME)

RN 262431-70-9 CAPLUS CN Benzenesulfonanide,

N-[4-(4-mino-7-cyclopentyl-7E-pyrrolo[2,3-d]pyrimidis 5-yl)-2-filorophenyl]-3-filoro- (CA INDEX NAME)

NN 262431-72-0 CAPLUS

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15 ANSMER 21 OF 25 CAPLUS COPTRIGHT 2007 ACS on STN (Continued)

PR 262430-34-2 CAPLOS

Remrencestanide,

18-[4-(4-anino-7-oyolopentyl-78-pyrrolo[2,3-d]pyrinidin-5-yl)-2-nethoxyphenyl) (CA 1816X NAME)

PM 262430-35-3 CAPLUS CM 2-Thiophenesacetamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d)pyrinidim-5-yl)-2-methocyphosyl]- (CA INDEX UMME)

L5 ANSMER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Conti CR Benzenewiltonanide, N=[4-(4-anino-7-cyclopentyl=78-pyzrolo[2,3-d]pyzinidin-5-yl)-2-fluorophenyl=4-fluoro- (CA INDEX NAME)

CR Benrenesulfonanide, N= 4-(4-amino-7-eyelopentyl-7E-pyrrolo[2,3-d]pyrimidu 5-vl-2-florosbenvll-4-chloro- (CA INDEX NAME)

FRI 262431-73-2 CAPLUS CRI Benrenesulfonanide, N-[4-[4-amino-7-dyclopenty]1-7E-pyrrolo[2,3-d]pyrinidi

EN 262431-74-3 CAPLUS
CN 2-Raphthalanesulfonamide, N-[4-[4-amino-7-cyclopenty1-7H-pyrrolo]2, 3-dlpyrindin-5-yl]-2-floropheny1- (CA INDEX NOME)

.

NE 262431-75-4 CARLES CN Bearensulfonanide, N-[4+(4-anino-7-cyclopentyl-78-pyrrolo[2,3-d]pyrinidin-

3N 262431-76-5 CAPLUS CN Benrenesulfonanide, N-[4-(4-animo-7-syclopentyl-78-pyrrolo[2,3-d]pyrinidin-5-yl-2-fisorophenyl-2,3-dichloro- (CA INDEX NAM)

The Addition Colors

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15 ANSWER 22 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued

NN 202431-01-2 CAPUUS CN Beneraeufchanide, B-[4-(4-anino-7-cyclopentyl-78-pyrrolo[2,3-d]pyrinidin-14-(4-log-franchenvil-3-nitro- (78 1978) NAME)

PM 262431-82-3 CAPLUS
CN Benrensulfocanide,
N-[4-(4-anino-7-cyclopentyl-78-pyrrolo[2,3-d]pyrinidin
5-yll-2-finorophenyl]-2-nirro- (CA INDEX NAME)

RE 282431-83-4 CAPLES CN Benzenesulfonanide, N-[4-(4-aniso-7-cyclopentyl-78-pyzrolo[2,3-d]pyzinidiz 5-yll-3-finorombere]l-3-obloro- (CA TRUEX NAME) L5 AMERICA 23 OF 25 CAPLAS COPPES

PM 262431-78-7 CAPLUS CN Benrene sulfommide, N=[4-(4-mnino-7-cyclopentyl=78-pyrrolo[2,3-d]pyrinidin-

NN 262431-79-8 CAPLUS
CN Benrensulfonanide,
N-[4-[4-anino-7-cyclopentyl-78-pyrrolo[2,3-d]pyrinidir

NN 262431-80-1 CAPLUS CN Benzenszulfonanide, N-[4-(4-amino-7-cyclopentyl-78-pyrrolo[2,3-d]pyrimidis

O _

N N N C1

RN 262431-84-5 CAPLUS CN Benzenerulfonanide, N-[4-(4-anino-7-cyclopentyl-78-pyrrolo[2,3-d]pyrinidan-

NO 2

202 262431-85-6 CAPLUS 32 Benzenezulfonanide, 1-[4-(4-aniso-7-oyolopentyl-78-pyzrolo[2,3-4]pyzimidis-5-yl)-2-fluorophenyl]-2,6-difluoro- (Ch INDEX NAME

Nu F

RM 262431-86-7 CAPLDS CN Benzenesulfonamide R=14-16-amine-7-cyclopestyl-78-pyrrolo(2,3-d)pyramidin-

15 AREMER 21 OF 25 CAPLUS COPYRIGHT 2507 ACS on STN (Continue

PM 262432-01-9 CARLUS CN Benrepesulfonanide, N-[4-(4-amino-7-cyclopenty1-78-pyrrolo[2,3-d]pyrimidin

321 N2412-02-0 CAPLUS CN 1-Naphthalenesulfomanide, N-[4-(4-anino-7-cyclopentyl-78-pyrrolo[2, d]pyrinidin-5-yl)-2-floorophenyl)-5-(dimethylanino)- (CA INDEX NAM

IN 262432-03-1 CAPLUS CN 1-Naphthalenesulforanide, N-[4-[4-anino-7-cyclopentyl-78-pyrrolo]2,2-dpyrindin-5-yll-2-fluorophenyl]-6-fdinethylanino)- (CA INDEX NOME)

15 ANSWER 21 OF 25 CAPLUS COPPRIGHT 2007 ACS on STN (Continued

N2 02432-07-5 CAPUNS
CT Benrenesulfonanide,
N-[4-(4-anino-7-cyclopentyl-7E-pyrrolo[2,3-d]pyrinidin-5-yl)-2-fluorophenyl]-2,3,4-trifluoro- (CA INDEX NAME)

222 422-08-6 CAPUTS

Benenseuliconanide,

8-[4-(4-anno-7-cyclopentyl-78-pyrrolo[2,3-d]pyrinidin5-yl]-2-fluorosbewyll-2-ohloro-5-(trifluorosethyl)- (CA INDEX NAM

RS 262432-09-7 CARUTS
CR Benrenewilfonanide,
R=[4-(4-mino-7-eyelopentyl-78-pyrrolo[2,3-d]pyrimidin-

15 ANSMER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued

FM 262432-04-2 CAPLUS CR Bencerosulforamide, N-[4-[4-amino-7-cyclopentyl-7E-pyzrolo[2,3-d]pyzinidin-

PN 262432-06-4 CAPLUS CN Benzensruifcoanide, N-[4-(4-aniso-7-oyolopestyl-78-pyzrolo[2,3-4]pyzimidin-

.5 ANSMER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continue

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Resonantife,
N=[4-(4-animo-7-cyclopentyl-7E-pyrrolo[2,3-d]pyrinidin-5-yl]-2-fileorophnyl]-2-chloro-4-[trifluoromethyl]- (CA INDEX NAME

N 262432-11-1 CAPLOS N Benzenezulfonanide, |-[4-(4-amino-7-oyelopentyl-78-pyzzolo[2,3-d]pyzinidin-

FM 262432-12-2 CAPLUS CN Benzeneulfonanide. N-[4-(4-animov7-eyelopenty1-78-pyxrolo[2,3-d]pyximidin-

LS ANEMER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continu

3N 262432-13-3 CAPLUS CN Bearenesulfonanide, N-[4-(4-anino-7-cyclopentyl-78-pyrrolo[2,3-d]pyrinidin-

222 26242-14-4 CAPUUS
Sentraevalfocanide,
N-[4-(4-anino-7-cyclopenty1-75-pyxxolo[2,1-d]pyxinidin5-y1-1-fluoroshery1-4-bronn-2-(trifluorosethoxy)- (CA INDEX NAME

$$\sum_{NM_2}^{N} \cdots N = \bigcap_{CT_3}^{N}$$

DN 262432-15-5 CAPLUS CN Benresesulfonanide, N-[4-(4-mino-7-oyolopentyl-78-pyrrolo[2,3-d)pyrinidin-

15 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued

22 202432-19-9 CAPOUS 23 Benzeneaulfonanide, 1-[4-(4-anino-7-syslopestyl-78-pyzrolo[2,3-d)pyzinidin-5-syll-2-flowrophysyll-2-3-4-ryschloro- (78 1878) NAMEL

NO 202412-20-2 CAPLUS
Benzosauliconanide,
N-[4-(4-anino-7-oyolopentyl-78-pyxrolo[2,3-d]pyximidin-5-yl-1-2-fluorophenyl]-2-methoxy-4-methyl- (CA INDEX NAME

RM 262432-21-3 CAPLUS CN Benzensulfonande, N-[4-(4-amino-7-cyclopenty.1-78-pyzrolo[2,3-d]pyzanidinL5 ANSMER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continue)

PM 262432-16-6 CAPLUS CB Benzenesulfomanide, R-[4-(4-amino-7-vyclopentyl-78-pyrrolo[2,3-d]pyrinidin-

EN 262432-17-7 CAPLUS

Bennenswiftcmanide,
Life (Aminon Luvelonanty), 78-parrolo 12, 1-diparing the control of the control of

181 262432-18-8 CAPLUS
CM Benzenerulfonanide,
N-[4-|4-anino-7-opolopentyl-78-pyrrolo[2,3-d]pyrinidin-

ANSMER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continue

CN Reszeremulfomanide, N-[4-(4-animo-7-cyclopentyl-78-pyrrolo[2,3-d]pyrinidin--5-wil-2-f hyperphysell-1.5-dichloro- (Cs. PREY NAME

| RR | 262432-23-5 CAPLUS | CR | [1,1"-Siphenyi]-4-rulforanide, | R- [4-(4-mino-7-cyclopentyi-78-pyrrolo [2,3-dlow/inidin-5-yi)-2-fluorophenyi]- (CA INDEX NAME

RN 262432-24-4 CAPLUS CB 1-Raphthalenesulfonanide, N-[4-[4-amino-7-cyclopentyl-7H-pyrrolo]2, 3-dlpyrimidin-5-yl)-2-fluoroobewyll- (CA IMDEX NAME)

A ANNAND 21 OF 25 CAPLES CONVENED 2007 ACS ON STR. (Contin

30 262432-25-7 CAPLUS CR Descrepsuifonanide, N-[4-(4-anino-7-cyclopentyl-78-pyrrolo[2,3-d]pyrinidin 5-yl-3-finoroohenyl-2-bromo- (CA INDEX NAME)

202 N2432-26-5 CAPLUS CB Bentenesuifocanide, N-[4-(4-anino-7-cyclopentyl-7W-pyrrolo[2,3-d]pyrinidin-5-(4-l-2-fluoroobenvil-2,4,5-trichloro- CM INDEX NUME

30 262432-27-9 CAPLUS Denressuifocamide, N-[4-4-mino-7-syclopestyl-78-pyrrolo[2,3-4]pyrinidin-[5-4]-12-fluorophewyl-3-chloro-2-methyl- [CA INDEX NAME]

15 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued

22 202432-31-5 CAPLUS 22 Benzenesulfonanide, S-[4-(4-anino-7-syslopenty]-78-pyzrolo[2,3-d]pyzinidin

322 242432-32-6 CAPLUS CN Benrenesulfonanide, N-[4-(4-aniso-7-syslopentyl-78-pyzzolo[2,3-d)pyzinidis 5-yl-2-methoxyphenyl]-4-ohloro- (CA INDEX NAME)

98 262432-33-7 CAPAUS CN Benzenesulfonamide, N-|4-(4-amino-7-cyclopentyl-78-pyrrolo|2,3-d)pyrimidia L5 ANSMER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continu

PN 262432-28-0 CAPAUS
CN Benroic acid, 5-[[[4-(4-amino-7-cyclopentyl-7B-pyrrolo[2,3-d]pyrimidin-5-

FN 262432-29-1 CAPLOS CN 8-Quinoline sulfommide, N-[4-(4-anino-7-cyclopentyl-78-pyrrolo]2, 3d)pyrinidin-5-yl)-2-fluorophenyl) (CA INDEX NOME)

IN 262432-30-4 CAPLUS CH Benzenewilfonamide, N-[4-[4-anino-7-cyclopentyl-78-pyrrolo[2,3-d]pyrinid;

1.5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Contin

CR Benzenszifonanide, N-[4-(4-anino-7-cyclopentyl-78-pyrrolo[2,3-d)pyrinidin (78 TMDEY NAME)

RN 262432-35-9 CAPLUS CN Benzenezulfommide, N-[4-(4-mino-7-oyolopentyl-78-pyzzolo[2,3-d]pyzimid

RN 262432-36-0 CAPLDS CN Benzenesulfonamide, N-[4-[4-animo-7-cyclopenty]-78-pyrrolo[2,3-d]pyrimidin-

A ANSMER 21 OF 25 CAPLES COPYRIGHT 2007 ACS on STN (Continu

3M 262432-37-1 CAPLUS CH Benrepesulfonanide, N-[4-(4-mino-7-cyclopenty1-78-pyrrolo[2,3-d]pyrmidi

121 262432-38-2 CAPLUS CN 1-Maphthalenesufforanide, N-[4-(4-anino-7-cyclopentyl-78-pyrrolo[2,3] dlowinndin-3-vll-2-methoxyubenvll-5-(dimethylanino)- (CA INDEX NAM

72 262432-39-3 CAPLOS CB Bessessuffonanide, 4-anino-8-[4-[4-anino-7-cyclopentyl-78-pyrrolo[2,3-dlow:indis-5-vil-2-methoxyshesyl]- (CA DREE NAME)

15 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued

PR 262432-43-9 CAPLUS CN Benzenesulfonamide, N-[4-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin

321 N2432-44-0 CAPLUS CN Benzensulforanide, N-[4-(4-aniso-7-oyelopentyl-78-pyzrolo[2,3-d]pyzinidin 5-yl-2-ohloroplenyl-2-ohloro- (CA INDEX NAME)

L5 ARSMER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

IN 262432-40-6 CAPLUS CN 1-Naphthalenesulfonamide, N-[4-(4-amino-7-cyclopentyl-78-pyrrolo[2,3

RN 262432-41-7 CAPLUS
CN Besnote setd, 4-[[[4-(4-snino-7-cyclopestyl-7H-pyrrolo[2,3-d]pyrinidin-5yll-2-nethoxphesyllanino[sulfonyl] - (CA INDEX NUME)

RN 262432-42-8 CAPLUS CN Benzenerulfomanide, N-[4-[4-aniso-7-cyclopestyl-7E-pyrrolo[2,3-d]pyrinidi:

5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continue



CR Benezerulfomanide, N-[4-(4-amino-7-cyclopestyl-78-pyrrolo[2,3-d]pyrimidin 5-yl)-2-fluorophenyl-2-chloro- (CA INDEX NAME)

RN 262432-47-3 CAPLUS CN Benzenezulfomanide, N-[4-(4-amino-7-oyolopentyl-78-pyzrolo[2,3-d]pyzimidi

RN 262432-48-4 CAPLOS CN Benzenesulfonanide, N=[4-(4-animo-7-cyclopentyl-78-pyrrolo[2,3-d]pyrimidin-5-yl)-2-chlorosbenyl]-3-flyoro- (CA INDEX NAME)

WER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

202412-55-J CAFLUS Bestoue acid, -anizo-7-cyclopentyl-78-pyzrolo[2,3-d]pyzimidin-5-yl)-2-[[phosylsulfotyl)anizo]- (CA INDEX NOME)

Page 278

FN 262472-52-0 CAPLUS
CN BenzenersIfonanide,
N-[4-4-anino-7-cyclopentyl-78-pyzrolo[2,3-d]pyzimidin-5-yll-3-methylphenyl] (CA INDEX NAME)

261432-53-1 CAPLOS Benzerwilfonsnide, -(4-anino-7-cyclopentyl-78-pyrrolo[2,3-d]pyrinidin-5-yl)-2-nitrophenyl]- (CA IRDEX NAME)

262432-54-2 CAPLUS
4 Benzenesulfommide,
-(4-amino-7-cyclopentyl-7H-pyrrolo[2,3-d]pyrimidin-5yl)-N-phenyl- (CA INDEX NAME)

ANSMER 21 GF 25 CAPLUS COPYRIGHT 1007 ACS on STN (Continued) 222412-57-5 CAPLUS Benzanide, 5-(4-amino-7-cyclopentyl=7H-pyrrolo[2,3-d]pyrimidin=5-yl)-2-[[phrnylsulfonyllamino]- (CA INDEX NOME)

30 26(3):48-6 CMPUR COM REMODIC acids 10 Remodic acids 1-(4-anino-7-cyclopantyl-78-pyrrolo(;,2-d)pyrimidn-5-yl)-2-[[phenylsulfonyl)anino]-, methyl exter (CA INGEX NOME)

262472-59-7 CXPLUS
Benzenesulfonanide,
-(4-anino-7-syslopentyl-78-pyrrolo[2,3-d]pyrinidin5-yl)-2,6-difluorophenyl]- (CA NDEK NUME)

15 AMENUR 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

NEIGHT-60-6 CAPLUS Bes research Tomanide, 1-(4-amino-7-cyclopentyl-78-pyrrolo(2,3-d)pyrinidim-5-yl)-2-methoxyphenyl]- (CA INDEX NAME)

262432-68-8 CAPLUS #2432-#9-8 CMPLTS
enzementhamesulfomanide, N=[4-(4-amino-7-oyelopentyl=78-pyrrolo[2,3-]pyrinidim-5-yll-2-fluorophenyl]=3,4-dichloro- (CA INDEX NAME)

262432-69-9 CAPLUS Benzementhamesulforanide, N=[4-(4-amino-7-cyclopentyl-78-pyxrolo[2,3-d]pyrimidin-5-yl-2-floorophenyl-4-flooro- (CA INDEX NAME)

AMEMBER 21 OF 25 CAPLUS COPTRIGHT 2007 ACS on STR

262432-65-5 CAPLUS
2,1,3-Benzothiadiarole-4-sulfonanide, N-[4-[4-animo-7-cyclopentyl-7H-pyrrolo [2,3-d]pyrinidin-5-yl)-2-fluorophenyl]-7-methyl- [CA INDEX NAME]

262432-66-6 CAPLUS 2-Thiophenecarboxylic acid, 3-[[[4-[4-amino-7-cyclopentyl-78-pyzrolo[2,3-

ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

262432-70-2 CAPLUS 18-Inidazole-4-exifomanide, N-[4-[4-amino-7-cyclopentyl-7R-pyrrolo[2, 3-d]pyrindin-5-yl)-2-fluorophenyl]-1-methyl- (CA INDEX NAME)

262432-71-3 CAPLUS
1B-Pyrasole-4-sulfonanide, N-[4-[4-anino-7-cyclopenty1-7H-pyrolo]2,3-djpyrindin-5-y1]-2-fivoropheny1]-5-chloro-1,3-dimethy1- (CA INDEX NAME)

262432-72-4 CAPLOS 6-Inouroleurifomanide, H-[4-(4-anino-7-cyclopentyl-7H-pyrrolo[2, 3-d[pyrindin-5-yl)-2-flooroplenyl]-2,5-disethyl- (CA_INDEX_NAME)

LS AREMER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued

NN 262432-73-5 CANLOS CN 18-Pyrrole-2-sulfocanide, N-[4-(4-aniro-7-cyclopentyl-78-pyrrole[2,3-dpyrindis-5-yl]-3-2-fivorophenyl]-3-(3-chloro-5-(frificorophenyl)-3-(3-chloro-5-(frificorophenyl

22 262432-74-6 CAPLUS CN Inidazo [2,3-6] thiazole-5-sulforanide, N-[4-[4-anino-7-cyclopenty]-78uvrain [2,3-6] thiazo undum-5-v1]-2-fluoronberg [1-6-chloro- CA INDEX SAM

RN 262432-75-7 CAPLUS CN 2-Thiophenesulfonanide, N-[4-(4-anino-7-cyclopentyl-78-pyzrolo[2,3-

15 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

202 432-79-1 CAPLUS CN 2-Thiophenesulfonanide, N-[4-[4-anino-7-cyclopentyl-78-pyrrolo[2,3-d]pyranidas-5-yl)-2-fluorophenyl)-5-brono- (CA INDEX NOME)

DE 202432-80-4 CAPLUS CE 3-Thiopheneuifonanide, N-[4-(4-anino-7-cyclopentyl-7R-pyrrolo[2,3-d)pyrandus-5-yl)-2-floorophenyl]-4-brono-2,5-dichloro- (CA INDEX NAM

202 262432-81-5 CAPLUS CN 18-Inidazole-(-relforanide, N-[4-[4-amino-7-cyclopentyl-78-pyrrolo[2, : discription of the label legislation of the l 15 ANSMER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued d)pyrimidin-5-yl)-2-fluorophenyl]-4,5-dibromo- (CA INDEX NAME)

NN 262432-76-8 CAPLOS
CN 2-Thiophenerulfonunde, N-[4-[4-anino-7-cyclopentyl-78-pyrrolo[2,

IN 262432-77-9 CAPLOS CR 2-Thiophenesulfomnide, N-[4-(4-mino-7-cyclopenty1-7R-pyrrolo[2,3-dipyrimidin-5-yl-2-fiboropheny1)-5-(2-methy1-4-thiaroly1)- (CA INDEX

RM 262432-78-0 CAPLOS CM 2-Thiophenesulfonamide, N-[4-(4-amino-7-cyclopentyl-78-pyrrolo]2,7-

5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued

EN 262432-82-6 CAPLUS CN 2-Thiophenerulfonanide, N-[4-(4-anino-7-cyclopentyl-7R-pyrrolo[2,3-d]pyrinidin-5-yl)-2-fluorophenyl]-3-bromo-5-chloro- (CA INDEX NAME)

IN 262432-83-7 CAPLOS
CR 2-Thiopheneulfonanide, N-[4-(4-anino-7-cyclopentyl-7B-pyrrolo]2, 3-djpyrnidas-5-yl-2-flworophenyl)-4-(phenylsulfonyl)- (CA INDEX NAME)

28 32432-84-8 CAPLSS 3 3-75hoptenexuksonylič adid, 5-[[[4-[4-amino-7-cyclopentyl-7H-pytrolo]2, 3-d]pytraudin-6-pil-2-fluorophenyl]anino]sulfonyl]-4-methoxy-, methyl ester (CA IMEST MAME)

L5 AREMER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continue

3N 262432-85-9 CAPACE CM 3-Thiophenesulfonanide, N-[4-[4-anino-7-cyclopentyl-78-pyrrolo[2, d]uyrinidin-5-vi)-2-fluoroolewyl-2,5-dichloro- [CA INDEX NAME]

12 262432-86-0 CAPLUS CN 2-Thiopiezeaulfomanide, N-[4-[4-anino-7-cyclopentyl-78-pyrrolo[2, 3-dlowinnid=5-v1]-2-fluorosbenvil-5-(sbenvizulfonvi)- (CA INDEX NAME)

30. 262432-87-2 CAPADS
College State College Sta

15 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued

NN 262432-91-7 CAPLUS CN 3-Pyridinesulforanide, N-[4-(4-anino-7-cyclopentyl-78-pyrrolo[2,3-dlovinnids-5-vl)-2-fluorophenyl-5-bromo-6-chloro- (CA INDEX NAME)

ZEL432-74-0 CAPATO CD 2,1,3-Benrothiadiarole-4-sulfonanide, N-[4-[4-anino-7-cyclopentyl-7B-pyzrolo[2,3-d]pyzinidin-5-yl)-2-fluorophenyl]- (CA INDEX NAME)

162432-83-9 CAPLUS
CH 2,1,3-Remonsdazole-4-sulfonanide, N-(4-(4-amino-7-cyclopanty1-7#
pyrroio[2,3-4]pyrimidim-5-yl)-2-fluorophenyl) (CA INDEX NAME)

No No

NN 262432-88-2 CAPLNS
CN 2-Thiophenesifosnide, N-[4-(4-anixo-7-cyclopentyl-7B-pyrrolo[2,3-d]pyrnaidis-5-(1)-2-fleorophenyl]-5-[1-methyl-5-(trifluoroeethyl)-1B

NN 262432-89-3 CAPLUE
CR Bearande,
N-[15-[[14-4-mino-7-cyclopentyl-78-pyrrolo[2,3-d]pyrinidin-5vl)-2-fluorophenyl]mino]rulfonyl]-2-thienyl[methyl]- (CA INDEX MUNE)

EN 262432-90-6 CAFLUS CR 2-Thiophensesifonanide, N-[4-(4-anino-7-cyclopentyl-7H-pyrrolo]2, 3-d)pyrinidin-5-yl-2-fluorophenyl]-5-[2-(methylthio)-4-pyrinidinyl]- (CA

5 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued



RN 262432-94-0 CAPLUS
CN 3-Pyridinesulforanide, N-[4-(4-anino-7-cyclopestyl-7E-pyrrolo[2,3-d]pyrididis-3-yl)-2-fluorophenyl]- (CA INDEX NAME)

EN 262432-95-1 CAPLUS
CH 2,1,3-Resroxadiarole-4-rulfomanide, N-[4-(4-anino-7-cyclopentyl-7H-pyrrole[2,3-d]pyrinidis-5-yl)-2-flworophenyl]-7-chloro- (CA INDEX NAME)



PR 262432-96-2 CAPLUS
CN 2-Thiophenesulfonamide, N-[4-14-amino-7-cyclopentyl-78-pyrrolo]2,3-d]pyrinidin-5-yl]-2-fluorophenyl]-4-bromo-5-chloro- (CA INDEX NUME)

15 ARSMER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continue

NN %1413-97-3 CAMENS CN 2-Thiophenesulfocanade, N-[4-(4-anino-7-cyclopentyl-78-pyrrolo[2,3-djpyrindin-3-yl)-2-fisorophenyl-4,3-dichloro- (CA IREEK NDME)

33) 262432-98-4 CAPLUS CR 2,1,1-Remorbhadiarole-4-sulfomanide, N-[4-(4-anino-7-cyclopantyl-7B-pyrrolo(2,3-4)pyrindin-5-yl)-2-fluorophanyl)-5-methyl- (CA INDEX NAME)

320 201432-39-5 CAPLUS CR 2,1,3-Senrothiadiarole-4-sulfomanide, N-(4-(4-anino-7-cyclopentyl-78-pyrrolo(2,3-d)pyrinidin-5-yl)-2-floorophenyl)-5-chloro- (CA INDEX NUME)

15 ANSWER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued

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LS ANSMER 21 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continue

HI 262433-00-1 CAPLUS
CH Bencommethanesulfonanide, H-[4-(4-anize-?-eyelopentyl-?8-pyrrole[2,3-d]pyr-nidfa-6-yl]-2-fisorophasyl-2-airo- (CA INDEX NAME)

15 ANNMER 21 OF 25 CAPLUS COPYRIGHT 1007 ACS on STN (Continued)
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transplant rejections, and inflammatory disorders.
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LS AMEMBER 22 OF 25 CAPLUS COPPRIGHT 2007 ACS on STR ACCESSION NUMBER: 1998:640280 CAPLUS DOUMBER NUMBER: 129:275925

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PATENT ASSISSEE(S):

DOCUMENT TYPE:

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ANOUNCE: English
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DESCRIPTION OF THE PROPERTY AND PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY AND PRO

233744-00-4 CAPLUS
78-Fyzrolo(2,3-d)pyzmidin-4-amine, 7-eyelopenty1-5-[4-(2-methoxyphenoxy)pheny1)- (CA INDEX NAME)

213744-26-4 CAPLUS Benzenesulfonanide,

(CA INDEX NAME)

213743-72-7P 213743-76-1P 213743-78-3P 213743-60-7P 213743-62-9P 213743-62-9P 213744-62-6P 213744-64-69 213748-69 213748-69 213748-69 213748-69 213748-69 213748-69 213748-69 study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use);

Page 283

ARSMER 22 GF 25 CAPLUS COFFEIGHT 2007 ACS on STN (Continued) 7H-Pyrrolo[2,3-d]pyrimidin-6-anine, 7-cyclopentyl-5-(4-phenoxyphenyl)-(CA INDEX NAME)

213743-90-9 CAPLOS Benzanide, -(4-amino-7-cyclopenty1-78-pyrrolo[2,3-d]pyrimidin-5-yl)-2-sethoxyphenyl]- (CA INDEX NAME)

213743-94-3 CAPLUS

CR Benzeneralfomanide, N-[4-(4-mino-7-cyclopentyl-7E-pyrrolo[2,3-d]pyrimidin-5-yl)-2-methoxyphenyl]- (CA INDEX NUME)

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RN 213743-76-1 CAPLUS CR Cyclopentamol, 3-[4-amino-5-(4-phenoxypheny1)-7R-pyzrolo[2,3-d]pyzmidin-7-y1]- (CA INDEX NAME)

213743-78-3 CAPLUS 21) 41-78-3 CMADOS 1,2,3-Cyclopentametriol, 4-[4-anino-5-(4-phenoxyphenyl)-78-pyrrolo[2,3-dlovrandam-7-91]- (CA INDEX NAME)

AMSMER 22 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

213743-02-9 CAPLUS 7K-Fyrrolo[2,3-d]pyrimidin-4-amine, 7-cyclopentyl-5-(3-ph ICA INDEX NAME)

- 15 AMBNER 22 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN
- 213744-02-6 CAPLUS Phemol, 2-[4-(4-amino-7-cyclopentyl-7E-pyrrolo[2,2-d]pyrimidin-5-yllphemoxy] (CA IMDEX NAME)

213744-04-9 CAPLUS

Benzanide, -(4-anino-7-cyclopentyl-78-pyrrolo[2,3-d]pyrimidin-5-yl)-2-hvdroxyphenyl]-4-chloro- (CA INDEX NAME)

213744-06-0 CAPLUS 7E-Pyrrolo(2,3-d)pyrimidin-4-amime, 6-chloro-7-cyclopentyl-5-(4-phenoxyphenyl)- (CA INDEX NAME)

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ANSMER 22 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

211743-96-5 CAPLUS Bearers exifonanide, -(4-animo-7-cyclopenty1-78-pyrrolo[2,3-d]pyrinidin-5-y1>2-hydroxypheny1) (CA INNEX NAME)

PH 213743-98-7 CAPLUS CR Bentemoulfonunide, N-[4-[4-aniso-7-epclopantyl-78-pyrrolo[2,3-d]pyrinidin-5-yl)-2-hydroxyphenyl]-4-[1,1-dimethylethyl)- (CA INDEX NAKE)

ANSWER 22 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

The title compds. [I; Rl = B, 2-phenyl-1,3-dioxam-5-yl, Cl-6 alkyl, etc., R2 = B, Cl-6 alkyl, C3-6 cyclocalkyl, etc., R3 = (un) substituted II (A = N0, O, NE2O2, etc., R5 = (un) substituted PA, and, addin.), when A is

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134797-81-49 134797-40-39 134797-87-69
134797-81-49 134797-46-59 134797-87-69

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ANSMER 23 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN yl)-, (18,28,38,48)- (CA INDEX NUMB) (Contanued)

Absolute stereochemistry. Rotation (-).

Title outmoryclic medicecióse I (K = Ch7, R7 = K, haloges, alky), slaosy, thoulky); i = h, the haloge independent) of a slavoy sepleony, hib2 = extensional, policy [18 - K, alky), raylady, hib2 = extensional, policy [18 - K, alky), raylady, heterosty, anne, alkylatico, heterocycle, alkopy, seylanto, ayrlakyoyi, arylanto, polycalky), alkylanto, heterocycle, alkopy, seylanto, arylakyoyi, arylanto, polycalky), alkylanty, alky

was prepared and tested in vitro as ademosine kinase inhibitor (ECSQ = per) .

ANSMER 24 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
Phenol, 4-[4-asiso-7-[3-hydroxycyclopenty1)-7H-pyrrolo[2,3-d]pyrimidin-5yl] (CA 18DEX NAME)

 $\label{eq:control_solution} $$194787-41-2$$ CAPLUS$$ Cyclopentanol, $$ -(4-anixo-5-phenyl-78-pyzrolo[2,3-d]pyzinidin-7-yl)=3-(phenylnethoxy)-2-[(phenylnethoxy)nethyl]_-, $$ 18-(14,26,36,56)]- (SCI) (CA_RUEX_NMAC)$$$

NN 194797-42-3 CAPLUS CN 1,3-Cyclopentamedic1, 4-(4-anino-5-phenyl-The-pyrolo[2,3-d]pyrinidim-7-y1)-2-(hydroxymethyl)-, [15-(1a,2\$,3a,4\$)]- (SCI) (CA INDEX MMH)

haralute stereochemistry

CN Cyclopentanemethanol, 4-(4-amino-5-phenyl-78-pyrrolo[2,3-d]pyrimidin-7-yl)-

15 ANSMER 24 OF 25 CAPAUS COPYRIGHT 2007 ACS on STN 2-bydroxy- (CA INDEX NAME)

194787-46-7 CAPLUS 7E-Fyxrolo[2,3-d]pyrimidin-4-amine, 7-cycloheayl-5-phenyl-

- AMENIER 24 OF 25 CAPLUS COPPRIGHT 2007 ACS on STN (Continued) 194787-51-4 CAPLUS Cyclohesazol, 3-(4-anino-5-phenyl-78-pyrrolo[2,3-d]pyrinidin-7-yl)-, trans-(SCI) (CA INDEX NAME)

194787-54-7 CAPLUS 1,2-Cyclopentamediol, (4-anino-5-phenyl-78-pyrrolo[2,3-d]pyrimidin-7-yl)-(CA INDEX 1904E)

194787-69-3 CAPLUS Flexol, 4-(4-anife-7-cyclopentyl-78-pyzrolo[2,3-d]pyzinidin-5-yl)- (Ch 18DEX NAME)

194787-76-3 CAPLUS 1/2-Cyclopentamediol, -amino-3-phenyl-78-pyrrolo[2,3-d]pyrinidih-7-y1)-, diacetate [exter] [9CI] (CA INDEX NAME)

AREMER 24 OF 25 CAPLUS COPYRIGHT 2007 MCS on STN (Continued) 19478-48-9 CAPLUS Rthanol, 2-[[3-4]-44-mino-5-phenyl-7M-pyrrolo[2,3-d]pyrinidia-7-ylloyilokesyllamino]-, cur- (SCI) (CA INDEX RUME)

194707-49-0 CAPLUS Ethanol, 2-[[3-(4-mnno-5-phenyl-78-pyrrolo[2,3-d]pyrinidin-7-yl)cyclobexyl]amino]-, trans- (9C1) (CA INDEX NAME) Relative stereochemistry.

194787-59-3 CAPLUS Cyclobeanol, 3-(4-amino-5-phenyl-78-pyzrolo(2,3-d)pyzmidin-7-yl)-, cis-(SCI) (CA HMES NAME) Relative stereochemistry.

ANSWER 24 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

194787-85-4 CAPLUS 78-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-cycloheptyl-5-phenyl- (CA INDEX

194787-86-5 CAPLUS

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194787-87-6 CAPLUS 78-Pyrrolo[2,3-d]pyrimidin-4-amine, 7-cyclobexyl-5-(3-methoxypbenyl)

15 AMENUR 24 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

ADDRESS 24 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN

194788-00-6 CAPLUS Cyclobearance, 3-(4-amino-5-phenyl-7%-pyrrolo[2,3-d]pyrinidin-7-yl)- (CA INDEX NAME)

194788-01-7 CAPLUS 7E-Pyrolo[2, 3-d]pyrinidin-4-amine, 7-(1-oxa-4-azaspiro[4.5]dec-7-y1)-5-phenyl- (CA INDEX NAME)

Page 287

ANSMER 24 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
pyrrolo[2,3-d]pyrunidin-4-yl]-, phenylmethyl exter (2CI) (CA DEEX NAME)

RS 194707-96-7 CAPLUS CS Carbanic sold, [7-[2-hydroxy-4-(phenylmethoxy)-3-

| (phenylmethoxy)methyl}cyclopentyl)=5-phenyl=78-pyrrolo[2,3-d]pyrinidin-4-yl]=, phenylmethyl ester (9C1) (CA INDEX NAME)

FSI 194787-97-8 CAPLES CSI Carbonothioic acid, O-phenyl G-|3-(phenylmethoxy)-2-

(phenylmethoxy)methyl)-5-[5-phenyl-4-[(phenylmethoxy)carbonyl)anino)-78-pyrrolo[2,3-d]pyrinidis-7-yl]cyclopentyl) sater (CA INDEX NUME)

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Preparation of orphopyclic nucleoxides as adenoxine
linese inhibitor.
Shaped, Shraped S., Cowart, Marioe Daniel
RT 1nt. Appl., 969
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OTHER DESCRIPTION MATERIAL TRAINING ASSESSMENT ASSESSME

nhibitors;
31 18642-3-4 CAPLOS
31 18642-3-4 (Sphenyl-4-(phenylaniso)-TR-pyrrolo[2,3-d)pyrinidas-7-y1]-, [15,28,35,38)- (CA NROE NMCE)

Absolute stereochemistry.

ANSWER 25 OF 25 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

New heterocyclic substituted cyclopentane nucleosides 1 (K = N, N, alkyl, alkouy, 50 7 = N, CE, R1 and 52 = CE, hone; 13 = N, CE, alkyl, alkouy, 78 alkyl, alkouy, 78 alkyl, alkyl, heterocyl, anno, alkylanus, alkyl, anglakyl, heterocyl, anno, alkylanus, alkyl, avglakyl, heterocyl, anno, alkylanus, heterocyl, heterocyl, anno, alkylanus, heterocyclic, hydralusov were prepared as defondine likase inhibitors.

Thus, N7-((1*R, 2*8, 2*R, 4*8)-2*, 3*-dihydroxy-4*-aninocyclopentyl)-4-chloro-5-phenyl-pyzrolopyrinidine was prepared and tested as adenosine kinase inhibitor.

ANSMER 25 OF 25 CAPLUS COPTRIGHT 2007 ACS on STN (Continued)

Absolute stereochemistry. Rotation (-).

RN 186141-61-7 CAPLUS CN 1,2,3-Cyclopentametriol, 4-(4-mino-3-phenyl-7M-pyrrolo[2,3-d]pyrimidin-7-yl)-, (15,2K,35,4K)- (CA INDEX NONE) Absolute stereochemistry. Rotation (-).

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